

SAFETY DATA SHEETS

This SDS packet was issued with item:

078681096

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078123475 078317721 078504454 078577002

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078354073 078669833 078863178



MATERIAL SAFETY DATA SHEET

Revised/ Reviewed: February 2, 2006

HONING OIL

REF STN-OIL

For use with Arkansas Stones in the sharpening of dental hand instruments.

Section 1- Product and Company Information

Manufactured by: Miltex Inc.; 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: Petroleum Hydrocarbon

Chemical Formula: --

Section 2 – Composition/ Information on Ingredients

- Light Naphthenic Vacuum Distillate, CAS 64741-52-2, 100%, TLV 5 mg/m³ (mist)
- May also contain hindered phenol type inhibitor, less than 0.5%

Section 3 - Health Identification

Signs and Symptoms of Exposure: May cause reversible eye and skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause dizziness or pulmonary irritation. Ingestion may cause cramps and diarrhea.

Potential Health Effects: Tests on similar materials show a low order of acute toxicity. Regarding chronic exposure, the material is identified by IARC as class 1 mineral oil. There is evidence based on testing vacuum distillates that this material may cause cancer in laboratory animals.

Primary Route(s) of Entry: Eye, inhalation, skin, and ingestion.

Carcinogen: Not listed as a carcinogen by NTP or OSHA. Listed as carcinogen by IARC

Medical Conditions Aggravated by Exposure: None known.

HMIS Ratings: No information available

Section 4 - First Aid Measures

Eyes: Immediately flush with water for at least 15 minutes or until irritation subsides. If irritation persists, seek medical attention.

Skin: Wash thoroughly with soap and water for at least 15 minutes. If irritation or rash develops, seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Inhalation: Not likely to occur except as mist. Remove to fresh air. If discomfort persists, seek medical attention.

Section 5 – Fire Fighting Measures

Flash Point (Test Method): Above 94°C/ 200°F (Tag Closed-cup)

Auto Ignition Temperature: Not determined

Flammable Limits- LEL: Not determined

UEL: Not determined

Extinguishing Media: Dry chemical, carbon dioxide, water fog and foam. Note- water fog and foam may cause frothing and spattering.

Special Fire Fighting Procedures: Use water spray to cool containers exposed to flames. Fire fighting personnel should wear respiratory protection (positive pressure if available)

Unusual Fire and Explosion Hazards: Products of combustion include fumes, smoke, and carbon monoxide.

Section 6 - Physical and Chemical Properties

Physical State: Liquid

Vapor Density (Air=1): Above 5

Appearance and Odor: Pale straw to yellow liquid with a mineral oil odor

Melting Point (°C): Not applicable

Evaporation Rate (butyl acetate=1): Negligible

Specific Gravity (H₂O=1): 0.9

Solubility in Water: Not Soluble

Vapor Pressure: Below 0.5 Isoteniscope

Boiling Point: IBP above 176°C/350°F

Section 7 – Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatibility/ Materials to Avoid: Strong oxidizers. Never permit oil to get to an oxygen regulator.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon dioxide and other combustion products of hydrocarbons.

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Shut-off ignition sources. Contain spill and keep from entering waterways or sewers. Small quantities may be soaked-up with oil absorbents

Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local regulations. Material may become hazardous waste through use. If permitted, incineration may be practical. Consider recycling.

Ecological, General: No information available

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Safety glasses or splash goggles recommended

Respiratory Protection: Normally not required if adequate ventilation. If exposure limit is exceeded, NIOSH/MSHA approved apparatus is required

Ventilation Recommendations: If mists are present, provide adequate ventilation to control level below the Permissible Exposure Limit.

Skin Protection: Oil resistant gloves (neoprene or plastic)

Other: If there is a likelihood of oil splashing, an oil resistant apron should be worn to prevent clothing contamination.

Section 10 – Storage and Handling

Storage: Keep away from flames, sparks, or hot surfaces.

Handling: Never use a torch to cut or weld on or near a container. Empty oil containers can contain explosive vapors. Never wear oil soaked clothing; launder or dry clean before wearing. Discard of soaked shoes.

Section 11 – Miscellaneous

Toxicological Information: No information available

Transportation Information: Not regulated as a DOT Hazardous Material or IATA Dangerous Good

Other: --

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Material Safety Data Sheet

acc. to ISO/DIS 11014

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Printing Date: 2010-Jan-14

Printing Date: Reviewed on

Product Name: BD Vacutainer® Brand Tube with Dipotassium EDTA

1 Identification of substance:

- **Product Details:**

MSDS Number: VS60311-18

Issue Date: January 14, 2010

Supersedes: VS60311-17

ECO No.: ECO118043

- **Product Name:** BD Vacutainer® Brand Tube with Dipotassium EDTA

- **Catalog Numbers:** 363706, 365955, 365973, 365974, 365975, 366660, 366643, 366662, 367525, 367835, 367838 367840, 367841, 367842, 367843, 367844, 367845, 367846, 367855, 367856, 367859, 367861, 367862, 367863, 367864, 367899, 367950, 368021, 368047, 368048, 368049, 368054, 368171, 368267, 368381, 368589, 368661, 368841, 368861, Discontinued: 360001, 360002, 360003, 360004, 367648, 367649, 367656, 367865, 367906, 367907, 367908, 367909

- **Manufacturer/Supplier:**

BD Diagnostics, Preanalytical Systems

1 Becton Drive

Franklin Lakes, NJ, 07417-1885

- **Information Department:**

BD Diagnostics, Preanalytical Systems Technical Service, (800) 631-0174

- **Emergency Information:**

In case of a chemical emergency, spill, fire, exposure, or accident contact ChemTrec at (800) 424-9300

2 Composition/Data on components:

- **Description:**

Chemical name: Dipotassium EDTA

- **CAS No.:** 25102-12-9

- **Quantity:** 1.0 – 29.0 mg

- **Exposure limits:** N/A

3 Hazards identification:

- **Hazard description:**

May cause eye and skin irritation. Causes respiratory tract irritation and gastrointestinal irritation. Avoid generating dust or dust accumulation.

- **Acute Exposure Effects:**

May cause skin and eye irritation. Inhalation causes respiratory tract irritation. Ingestion causes gastrointestinal irritation with nausea, vomiting and diarrhea.

- **NFPA ratings (scale 0-4):**



Health = 1

Fire = 1

Reactivity = 0

Specific Hazard = 0



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Printing Date: 2010-Jan-14

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Product Name: BD Vacutainer® Brand Tube with Dipotassium EDTA

- **HMIS ratings (scale 0-4):**



Health = 1
Flammability = 1
Reactivity = 0
Special = 0

4 First aid measures:

- **General information:**

After inhalation: Move the exposed person to fresh air.

After skin contact: Immediately flush skin with plenty of soap and water for at least 15 minutes.

After eye contact: Immediately flush with plenty of water for at least 15 minutes.

After Swallowing: Immediately give large amounts of water. Get medical attention.

Information for doctor: Show this label

5 Fire fighting measures:

- **Suitable extinguishing agents:** Use extinguishing media appropriate for surrounding fire.
- **Protective equipment:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

6 Accidental release measures:

- **Person-related safety precautions:** Avoid overexposure. Wear suitable protective clothing.
- **Measures for environmental protection:** N/A
- **Measures for cleaning/collecting:** Carefully sweep up and remove. Flush area with water.
- **Additional information:** N/A

7 Handling and storage:

- **Handling:**

Information for safe handling: Keep container tightly closed. Suitable for any general chemical storage area.

Information about protection against explosions and fires: Avoid contact with incompatible material, minimize dust generation and accumulation.

- **Storage:**

Requirements to be met by storerooms and receptacles: Keep container tightly closed.

Information about storage in one common storage facility: Suitable for any general chemical storage area.



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Further information about storage conditions: None

8 Exposure controls and personal protection:

- **Additional information about design of technical systems:** No further data
- **Components with limit values that require monitoring at the workplace:** N/A
- **Additional information:** N/A
- **Personal Protective Equipment:**

General protective and hygienic measures: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation.

Breathing equipment: None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate dust mask.

Protection of hands: Use proper gloves

Eye protection: Use safety goggles

Body protection: Wear appropriate protective clothing to prevent skin exposure.

09 Physical and chemical properties:

- **General Information:**

Form: Solid (Crystalline powder)

Color: White

Odor: Odorless
- **Change in condition:**

Melting point/Melting range: Not available

Boiling point/Boiling range: Not available
- **Flash point:** N/A
- **Flammability (solid, gaseous):** N/A
- **Danger of explosion:** This material may cause a dust explosion
- **Vapor pressure:** N/A
- **Density:** N/A
- **Solubility in/Miscibility w/H₂O:** 100%
- **pH-value:** Not available
- **Organic solvents:** Not available
- **Solids content:** Not available



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Product Name: BD Vacutainer® Brand Tube with Dipotassium EDTA

10 Stability and reactivity:

- **Thermal decomposition / conditions to be avoided:** Avoid dust generation
- **Materials to be avoided:** None identified
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous products of decomposition:** Oxides of nitrogen, carbon monoxide, carbon dioxide

11 Toxicological information:

- **Acute toxicity:**
 - Eye: May cause eye irritation
 - Skin: May cause skin irritation
 - Inhalation: Causes respiratory tract irritation
 - Ingestion: Causes digestive tract irritation
- **Primary irritant effect:**
 - On the skin: Not established
 - On the eye: Not established
- **Sensitization:** Not established
- **Additional toxicological information:** Does not contain more than 0.1% by weight of a material listed as a potential carcinogen by NTP, IARC, or OSHA.

12 Ecological information:

- **Ecotoxicological effects:** No data is available on the adverse effects of this material on the environment. Neither COD nor BOD data are available.
- **Other information:** N/A
- **General notes:** N/A

13 Disposal considerations:

- **Product:**
 - Recommendation**
Disposal should be done in accordance with local, state and federal regulations.
Disposal must be made according to the regulations found in 40 CFR 261.
This product is not a RCRA hazardous waste.
- **Uncleaned packagings:**
 - Recommendation**
Disposal should be done in accordance with local, state and federal regulations.
Disposal must be made according to the regulations found in 40 CFR 261.
This product is not a RCRA hazardous waste.
 - Recommended cleansing agent**
Water, if necessary with cleansing agents
- **General notes:** N/A



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Product Name: BD Vacutainer® Brand Tube with Dipotassium EDTA

14 Transport information:

- **DOT regulations:** Non-regulated
- **Land transport ADR/RID (cross-border):** N/A
- **Maritime transport IMDG:** Non-regulated
- **Air transport ICAO-TI and IATA-DGR:** Non-regulated

15 Regulations:

- **SARA Section 355 (extremely hazardous substances):** Substance not listed
- **Section 313 (specific toxic chemical listings):** None
- **TSCA (Toxic Substances Control Act) Inventory:** Listed
- **California Proposition 65 – Chemicals Known to Cause Cancer:** Substance not listed
California Proposition 65 – Chemicals Known to Cause Reproductive Toxicity: Substance not listed
- **Carcinogenicity categories**
IARC (International Agency for Research on Cancer): Substance not listed
NTP (National Toxicology Program): Substance not listed
TLV (Threshold Limit Value established by ACGIH): Substance not listed
MAK (German Maximum Workplace Concentration): Not available
- **Product related hazard information:** Minimize dust generation or accumulation
- **National regulations:** N/A
- **Water hazard class:** N/A

16 Other information:

To the best of our knowledge, the information contained herein is accurate. However, neither BD or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

- **Department issuing MSDS:** Regulatory Affairs



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier	De Flea Pet & Bedding Spray		
Other means of identification	Not available		
Recommended use	Flea and tick shampoo		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/Distributor information			
Manufacturer			
Company name	Natural Chemistry L.P.		
Address	40 Richards Ave. Norwalk, CT 06854 United States		
Telephone	Phone:	(800) 753-1233	
E-mail	info@naturalchemistry.com		
Emergency phone number	Emergency Phone:	CHEMTREC (800) 424-9300	

2. Hazards Identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	Not applicable.

3. Composition/Information on Ingredients

Mixtures

This material is not considered to be hazardous according to regulatory guidelines (see Section 15 of the SDS).

4. First Aid Measures

Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Wash off with soap and water. Get medical attention if irritation persists.
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Ingestion	Rinse mouth. If symptoms develop, obtain medical attention.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	This product is miscible in water. Stop leak if you can do so without risk. Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Prevent entry into waterways, sewers, basements or confined areas.

7. Handling and Storage

Precautions for safe handling	Avoid prolonged exposure. Use good industrial hygiene practices in handling this material.
Conditions for safe storage, including any incompatibilities	Store in a closed container away from incompatible materials. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures, such as personal protective equipment	
Eye/face protection	If contact is likely, safety glasses with side shields are recommended.
Skin protection	
Hand protection	For prolonged or repeated skin contact use suitable protective gloves.
Other	As required by employer code.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Not applicable.
General hygiene considerations	Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Clear
Physical state	Liquid.
Form	Liquid.
Color	Light mint green
Odor	Not available.
Odor threshold	Not available.
pH	7.2 - 7.8
Melting point/freezing point	Not available.

Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	1 - 1.01
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	8.33 lb/gal
Solubility(ies)	Complete
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

Reactivity	None known.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological Information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity	Not available.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Exposure minutes	Not available.
Erythema value	Not available.
Oedema value	Not available.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Corneal opacity value	Not available.
Iris lesion value	Not available.
Conjunctival reddening value	Not available.
Conjunctival oedema value	Not available.

Recover days	Not available.
Respiratory or skin sensitization	
Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Not listed.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.
Chronic effects	None known.
Further information	This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity	This product has not been identified as having potential environmental effects.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	Not available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

US. Rhode Island RTK

Not regulated.

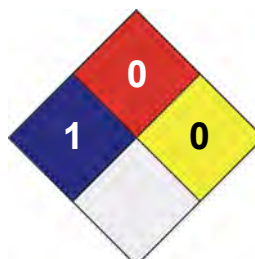
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date

05-May-2014

Further information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Other information

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Prepared by

Dell Tech Laboratories, Ltd. Phone: (519) 858-5021



HOJA DE DATOS DE SEGURIDAD

1. Identificación del producto y de la compañía

Identificador de producto	De Flea Pet & Bedding Spray	
Otros medios de identificación	No disponible	
Uso recomendado	Shampoo contra pulgas y garrapatas	
Las restricciones de utilización	Ningunos conocidos/Ninguna conocida.	
Información sobre el fabricante/importador/proveedor/distribuidor		
Fabricante		
Nombre de la empresa	Natural Chemstry L.P.	
Dirección	40 Richards Ave. Norwalk, CT 06854 Estados Unidos	
Teléfono	Teléfono:	(800) 753-1233
Correo electrónico	info@naturalchemistry.com	
Número de teléfono para emergencias	Teléfono en caso de emergencia:	CHEMTREC (800) 424-9300

2. Identificación de riesgos

Riesgos físicos	No clasificado.
Peligros para la salud	No clasificado.
Peligros para el medio ambiente	No clasificado.
Peligros definidos por OSHA	No clasificado.
Elementos de la etiqueta	
Símbolo de peligro	Ninguno.
Palabra de advertencia	Ninguno.
Indicación de peligro	La mezcla no cumple con los criterios de clasificación.
Consejos de prudencia	
Prevención	Respete las normas para un manejo correcto de los químicos.
Respuesta	Lávese las manos después del uso.
Almacenamiento	Consérvese alejado de materiales incompatibles.
Eliminación	Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.
Peligros no clasificados en otra parte (HNOG, por sus siglas en inglés)	Ningunos conocidos/Ninguna conocida.
Información suplementaria	No aplicable.

3. Composición / Información sobre los ingredientes

Mezclas

Este material no se considera como peligroso de acuerdo con las directrices reguladoras (consulte la sección 15 de la HDS).

4. Medidas de primeros auxilios

Inhalación	En caso de síntomas, mover a la víctima a un lugar con aire fresco. Si los síntomas persisten, obtener asistencia médica.
Piel	Lave con agua y jabón. Consiga atención médica si la irritación persiste.
Ojos	Enjuagar con agua fría. Sacarse los lentes de contacto, si es el caso, y continuar enjuagando. Obtener asistencia médica si la irritación persiste.
Ingestión	Enjuáguese la boca. Si aparecen los síntomas, consultar con el médico.
Síntomas/efectos más importantes, agudos o retardados	El contacto directo con los ojos puede causar una irritación temporal.

Indicación de la necesidad de recibir atención médica inmediata y, en su caso, de tratamiento especial	Tratamiento sintomático.
Información General	Asegúrese de que el personal médico tenga conocimiento de los materiales involucrados y tome las precauciones adecuadas para su propia protección.

5. Medidas para combatir incendios

Medio extintor apropiado	Neblina de agua. Espuma. Polvo químico seco. Bióxido de carbono (CO ₂).
Medios inadecuados	Ninguno/a conocido/a.
Riesgos específicos derivados del producto químico	En caso de incendio se pueden formar gases nocivos.
Equipo especial de protección y medias de precaución para los bomberos	Los bomberos deben usar ropa de protección completa que incluya aparato de respiración autónomo.
Equipo/instrucciones de extinción de incendios	Mueva los recipientes del área del incendio si puede hacerlo sin riesgo.
Métodos específicos	Utilice procedimientos contra incendios estándar y considere los riesgos de otros materiales involucrados.
Riesgos generales de incendio	Ningún riesgo excepcional de incendio o explosión señalado.

6. Medidas de liberación accidental

Precauciones personales, equipo protector y procedimiento de emergencia	Mantenga alejado al personal que no sea necesario. Para información sobre protección personal, véase la sección 8.
Métodos y materiales para la contención y limpieza de vertidos	Este producto es miscible en agua. Detenga la fuga si puede hacerlo sin riesgo. Derrames grandes: Forme un dique para el material derramado donde sea posible. Cubrir con una lámina de plástico para evitar la dispersión. Absorber en vermiculita, arena o tierra seca y colocar en recipientes. Evite la entrada en vías acuáticas, alcantarillados, sótanos o áreas confinadas. Después de recuperar el producto, enjuague el área con agua. Derrames pequeños: Limpie con material absorbente (por ejemplo tela, vellón). Limpie cuidadosamente la superficie para eliminar los restos de contaminación. Nunca regrese el producto derramado al envase original para reutilizarlo. Para información sobre la eliminación, véase la sección 13.
Precauciones para la protección del medio ambiente	Evite su entrada en vías fluviales, sistemas de drenaje, sótanos o áreas cerradas.

7. Manejo y almacenamiento

Precauciones para un manejo seguro	Evitar la exposición prolongada. Establezca prácticas buenas de higiene industrial para la manipulación de este material.
Condiciones de almacenamiento seguro, incluidas cualesquiera incompatibilidades	Almacén en un contenedor cerrado lejos de los materiales incompatibles. Consérvese alejado de materiales incompatibles (consulte la Sección 10 de la HDS). Manténgase fuera del alcance de los niños.

8. Controles de exposición y protección personal

Límite(s) de exposición ocupacional	Ningunos límites de exposición indicados para el ingrediente/los ingredientes.
Valores límites biológicos	No se indican límites biológicos de exposición para el ingrediente/los ingredientes.
Controles de ingeniería adecuados	Debe haber una ventilación general adecuada (típicamente 10 renovaciones del aire por hora). La frecuencia de la renovación del aire debe corresponder a las condiciones. De ser posible, use campanas extractoras, ventilación aspirada local u otras medidas técnicas para mantener los niveles de exposición por debajo de los límites de exposición recomendados. Si no se han establecido ningunos límites de exposición, el nivel de contaminantes suspendidos en el aire ha de mantenerse a un nivel aceptable.
Medidas de protección individual, como equipos de protección personal recomendados	
Protección para los ojos/la cara	Si el contacto es probable, se recomiendan anteojos de seguridad con protecciones laterales.
Protección cutánea	
Protección para las manos	Para el contacto repetido o prolongado con la piel, usar guantes protectores apropiados.
Otros	Como sea requerido por las normas del empleador.

Protección respiratoria	En caso de ventilación insuficiente, úsese equipo respiratorio adecuado.
Peligros térmicos	No aplicable.
Consideraciones generales sobre higiene	Lávese las manos antes de los descansos e inmediatamente después de manipular la sustancia. Manipúlelo con las precauciones de higiene industrial adecuadas, y respete las prácticas de seguridad. No comer ni beber durante su utilización.

9. Propiedades físicas y químicas

Aspecto	Claro
Estado físico	Líquido.
Estado físico	Líquido.
Color	verde mint ligero
Olor	No disponible.
Umbral de olor	No disponible.
pH	7.2 - 7.8
Punto de fusión/punto de congelación	No disponible.
Punto inicial e intervalo de ebullición	No disponible.
Punto de escurrimiento	No disponible.
Peso específico	1 - 1.01
Coeficiente de reparto: n-octanol/agua	No disponible.
Punto de inflamabilidad	No disponible.
Tasa de evaporación	No disponible.
Inflamabilidad (sólido, gas)	No corresponde.
Límites superior/inferior de inflamabilidad o explosividad	
límite inferior de inflamabilidad (%)	No disponible.
límite superior de inflamabilidad (%)	No disponible.
Límite de explosividad inferior (%)	No disponible.
Límite de explosividad superior (%)	No disponible.
Presión de vapor	No disponible.
Densidad de vapor	No disponible.
Densidad relativa	8.33 lb/gal
Solubilidad(es)	Completa
Temperatura de autoignición	No disponible.
Temperatura de descomposición	No disponible.
Viscosidad	No disponible.

10. Estabilidad y reactividad

Reactividad	Ninguno/a conocido/a.
Posibilidad de reacciones peligrosas	Ninguno bajo el uso normal.
Estabilidad química	Estable bajo las condiciones de almacenamiento recomendadas.
Condiciones a evitar	Contacto con materias incompatibles.
Materiales incompatibles	Agentes oxidantes fuertes.
Productos de descomposición peligrosos	No se conocen productos de descomposición peligrosos.

11. Información toxicológica

Información sobre las posibles vías de exposición

Ingestión	Se espera que representa un riesgo reducido de ingestión.
Inhalación	No se esperan efectos adversos debido a inhalación.
Piel	No se esperan efectos adversos debido al contacto con la piel.
Ojos	El contacto directo con los ojos puede causar una irritación temporal.

Síntomas relacionados a las características físicas, químicas y toxicológicas El contacto directo con los ojos puede causar una irritación temporal.

Información sobre los efectos toxicológicos

Toxicidad aguda	No disponible.
Corrosión/irritación cutáneas	El contacto prolongado con la piel puede causar irritación temporal.
Minutos de exposición	No disponible.
Valor de eritema	No disponible.
Valor del edema	No disponible.

Lesiones oculares graves/irritación ocular El contacto directo con los ojos puede causar una irritación temporal.

Valor de opacidad corneal	No disponible.
Valor de la lesión del iris	No disponible.
Valor del enrojecimiento conjuntival	No disponible.
Valor del edema conjuntival	No disponible.
Días de recuperación	No disponible.

Sensibilidad respiratoria o cutánea

Sensibilización respiratoria	No disponible.
Sensibilización cutánea	No se espera que este producto cause sensibilización cutánea.

Mutagenicidad en células germinales No hay datos disponibles que indiquen que el producto o cualquier compuesto presente en una cantidad superior al 0.1% sea mutagénico o genotóxico.

Carcinogenicidad Ninguno de los componentes de este material, en concentraciones iguales o mayores a 0.1 %, están en las listas de productos cancerígenos de IARC, NTP, OSHA o ACGIH.

EEUU. OSHA Sustancias específicamente reguladas (29 CFR 1910.1001-1050)

No se encuentra en el listado.

Toxicidad para la reproducción	No se espera que este producto cause efectos reproductivos o al desarrollo.
Toxicidad sistémica específica de órganos diana (exposición única)	No clasificado.
Toxicidad sistémica específica de órganos diana (exposiciones repetidas)	No clasificado.
Peligro por aspiración	No disponible.
Efectos crónicos	Ninguno/a conocido/a.
Información adicional	Este producto no está asociado con ningún efecto negativo conocido para la salud de los seres humanos.

12. Información ecológica

Efectos ecotoxicológicos	Este producto no se ha identificado como teniendo efectos ambientales potenciales.
Persistencia y degradabilidad	No existen datos sobre la degradabilidad del producto.
Potencial de bioacumulación	No hay datos disponibles.
Movilidad en el suelo	No hay datos disponibles.
Movilidad en general	No disponible.
Otros efectos adversos	No se esperan otros efectos adversos para el medio ambiente (p. ej. agotamiento del ozono, posible generación fotoquímica de ozono, perturbación endocrina, potencial para el calentamiento global) debido a este componente.

13. Consideraciones de eliminación

Instrucciones para la eliminación	Recoger y recuperar o botar en recipientes sellados en un vertedero oficial.
Reglamentos locales sobre la eliminación	Elimine de acuerdo con todas las regulaciones aplicables.
Código de residuo peligroso	El Código de Residuo debe ser asignado después de hablar con el usuario, el productor y la compañía de eliminación de residuos.
Desechos/Producto no Utilizado	Elimine observando las normas locales en vigor. Los recipientes vacíos o los revestimientos pueden retener residuos del producto. Este material y sus recipientes deben eliminarse de forma segura (véase: Instrucciones para la eliminación).
Envases contaminados	Los contenedores vacíos deben ser llevados a un sitio de manejo aprobado para desechos, para el reciclado o eliminación. Ya que los recipientes vacíos pueden contener restos de producto, obsérvense las advertencias indicadas en la etiqueta después de vaciarse el recipiente.

14. Información relativa al transporte

Ministerio de Transportes de los Estados Unidos. (DOT)

No está clasificado como producto peligroso.

15. Información reguladora

Reglamentos federales de EE.UU. Este producto no se sabe para ser un "producto químico peligroso" según lo definido por OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subapartado D) (Notificación de exportación)

No regulado.

Lista de sustancias peligrosas de CERCLA (40 CFR 302.4)

No se encuentra en el listado.

EEUU. OSHA Sustancias específicamente reguladas (29 CFR 1910.1001-1050)

No se encuentra en el listado.

Ley de Enmiendas y Reautorizaciones Superiores (Superfund) de 1986 (SARA)

Categorías de peligro

Peligro inmediato - No
Peligro Retrasado - No
Riesgo de Ignición - No
Peligro de Presión: - No
Riesgo de Reactividad - No

SARA 302 Sustancia extremadamente peligrosa

No

SARA 311/312 Sustancias químicas peligrosas

No

SARA 313 (Reporte TRI, acerca del Inventario de liberación de sustancias tóxicas)

No regulado.

Otras disposiciones federales

Ley de Aire Limpio (CAA), sección 112, lista de contaminantes peligrosos del aire (CPA)

No regulado.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) (Ley de aire limpio, Prevención de liberación accidental)

No regulado.

Ley de Agua Potable Segura (SDWA, siglas en inglés)

No regulado.

Dirección de Alimentos y Medicamentos de los EUA (FDA)

No regulado.

Regulaciones de un estado de EUA

Ley de agua potable y sustancias tóxicas de 1986 del Estado de California (Proposición 65): Según nuestro conocimiento, este material no contiene químicos actualmente listados como carcinógenos o toxinas reproductivas.

Proposición 65 de California, EUA – Carcinógenos y toxicidad reproductiva (CRT): Sustancia listada

No se encuentra en el listado.

Derecho a la información de Massachusetts – Lista de sustancias

No regulado.

Derecho a la información de Pennsylvania, EUA – Sustancias peligrosas

No regulado.

Derecho a la información de Rhode Island, EUA

No regulado.

País(es) o región

Estados Unidos y Puerto Rico

Nombre del inventario

Inventario de la Ley del Control de Sustancias Tóxicas (en inglés, TSCA)

Listado (si/no)*

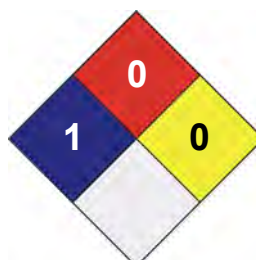
Si

*“Sí” indica que este producto cumple con los requisitos del inventario administrado por el(los) país(es) responsable(s)

16. Otra información

REFERENCIA	
Severo	4
Serio	3
Moderado	2
Ligera	1
Mínimo	0

Salud	/ 1
Flamabilidad	0
Riesgos Físicos	0
Protección Personal	X

**Cláusula de exención de responsabilidad**

La información de esta ficha se ha redactado sobre la base del nivel actual de conocimientos y experiencia disponible. La información aquí contenida fue obtenida de fuentes que se estiman técnicamente precisas y confiables. Si bien se han realizado los máximos esfuerzos posibles a fin de asegurar la total puesta en conocimiento de los riesgos asociados a este producto, como en algunos casos no es posible obtener información, se lo declara expresamente. Dado que las condiciones particulares de uso del producto están más allá del alcance del proveedor, se presupone que los usuarios de este material han sido correctamente entrenados según las exigencias de toda la legislación aplicable y demás instrumentos regulatorios. El proveedor no efectúa ninguna garantía, expresa ni tácita, y no será responsable por ninguna pérdida, daños o consecuencia dañina que pueda resultar del uso o de la confiabilidad de cualquier información contenida en este documento.

Fecha de emisión

05-Mayo-2014

Información adicional

Para obtener una Hoja de Datos de Seguridad actualizada, por favor póngase en contacto con el distribuidor /el fabricante que figura en la primera página de este documento.

Otra información

Esta hoja de datos de seguridad estaba dispuesta a cumplir con la aprobación de OSHA Hazard comunicación estándar (HCS) actual del sistema mundialmente armonizado de clasificación y etiquetado de productos químicos (GHS).

Preparado por

Dell Tech Laboratories Ltd. Teléfono: (519) 858-5021

SAFETY DATA SHEET

Conforms with OSHA Hazard Communication Standard (29 CFR 1910.1200) HazCom 2012



Product: Honing Oil (STN-OIL)

Revision Date: 11/23/2015

SECTION 1 - IDENTIFICATION

Product Identifier

Product Name: Honing Oil

Product Code: STN-OIL

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: For use with Arkansas Stones in the sharpening of dental hand instruments.

Restrictions on Use: Use as directed.

Details of the Supplier

Manufactured for: Integra York PA, Inc.
589 Davies Dr.
York, PA 17402 USA
1-866-854-8300

Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

SECTION 2 - HAZARDS IDENTIFICATION

Classification

Hazard Class	Category
Aspiration Hazard	1

Label Elements

Hazard Symbols(s):



Signal Word(s): Danger

Hazard Statement(s): May be fatal if swallowed and enters airways.

Precautionary Statements:

General

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Do NOT induce vomiting.

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Storage

Store locked up.

Disposal

Dispose of contents/container to disposal recycling center.

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Other Hazards

None identified.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt %
Mineral oil, Petroleum Distillates, Hydrotreated (mild) Light Naphthenic	0064742-53-6	76-100

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.

Eye Contact: Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin: Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

Ingestion: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. If more than several mouthfuls have been swallowed, give two glasses of water (16 Oz.).

Notes: High velocity injection of grease under the skin may result in serious injury. If left untreated, the affected area is subject to infection, disfigurement, lack of blood circulation and may require amputation. When dispensed by high-pressure equipment, this material can easily penetrate the skin and leave a bloodless puncture wound. Material injected into a finger can be deposited into the palm of the hand and in rare occasions up to the elbow. Within 24 to 48 hours the patient may experience swelling, discoloration, and throbbing pain in the affected area. Immediate treatment by a surgical specialist is recommended.

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Most Important Symptoms and Effects (Acute and Delayed)

Inhalation: None identified.

Eye Contact: None identified.

Ingestion: None identified.

Skin: None identified.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physician: None identified.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Dry chemical, foam, carbon dioxide, water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Water or foam may cause frothing. If leak or spill has not ignited, use water spray to cool the containers and to provide protection for personnel attempting to stop the leak.

Unsuitable: Do not use water in a jet.

Specific Hazards Arising from Chemical

Hazardous combustion products may include: Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones.

Protective Equipment and Precautions for Firefighters

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Emergency Procedure:

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Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Contain spill. Local authorities should be advised immediately if required or if significant spillages cannot be contained.

Ventilate area.

Recommended equipment:

Positive pressure, full-facepiece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions:

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Will not produce vapors unless heated to temperatures of ~300 °F.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains/surface waters/groundwater. Retain and dispose of contaminated wash water.

Methods and Material for Containment and Cleaning Up

Wipe up or add suitable absorbent, non-combustible, inert material such as sand, sawdust, etc. to spill area and shovel into appropriate container for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Handling:

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.

Minimum feasible handling temperature should be maintained. Periods of exposure to high temperature should be minimized. Water contamination should be avoided.

Incompatible Materials: Strong oxidizing agents.

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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m ³)	OSHA Tables Z1, 2, 3
Baseoil - unspecified	500	2000	Z1

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. The use of local ventilation is recommended to control emissions near the source.

Individual Protection Measures

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate NIOSH approved combination of respirator and filter. Select a filter suitable for combined particulate/organic gases and vapours.

Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

Skin and Body Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Eye/Face Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, light amber to dark liquid

Odor: Mild hydrocarbon odor

Odor threshold: Not available.

pH: Not available.

Melting point/freezing point: Not available.

Initial boiling point and boiling range: 413.6 °F, range not available.

Flash point: 305.6 °F

Evaporation rate: Not available.

Flammability (solid, gas): Flash point at or above 200 °F

Upper/lower flammability or explosive limits: Not available.

Vapor pressure: Not available.

Vapor density: 1+

Specific Gravity: 0.896

Water Solubility: Insoluble

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: 9.15 cSt @ 40°C (104°F)

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Chemical stability:

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Avoid heat, sparks, flame, buildup of static electricity, contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

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Hazardous decomposition products: Evolves toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones when heated to combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity: No data available.

Skin Corrosion/Irritation: Prolonged or repeated contact may cause skin irritation.

Serious Eye Damage/Irritation: Irritating, but will not permanently injure eye tissue.

Respiratory or Skin Sensitization: No data available.

Aspiration Hazard:

May be fatal if swallowed and enters airways.

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Information Related to Physical, Chemical, and Toxicological Effects

Reproductive Toxicity: No data available.

Germ Cell Mutagenicity: No data available.

Respiratory or Skin Sensitization: No data available.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Specific Target Organ Toxicity - Single Exposure: No data available.

Specific Target Organ Toxicity - Repeated Exposure: No data available.

Skin Corrosion/Irritation: Prolonged or repeated contact may cause skin irritation.

Carcinogenicity:

The highly refined mineral oil contains <3% DMSO extract as measured by IP 346, hence the classification of a carcinogen need not apply.

Numerical Measures of Toxicity

0064742-53-6

]MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC

LD50 (Rodent - rat, Oral) : >5000 mg/kg,

Toxic effects : Behavioral - somnolence (general depressed activity).

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LD50 (Rodent - rabbit, Administration onto the skin) : >2000 mg/kg,
Toxic effects : Skin and Appendages - primary irritation (after topical exposure)

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration.

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration.

This product may cause gastrointestinal distress in birds and mammals through ingestion.

Persistence and degradability:

Is rapidly biodegradable. Biodegradation is possible with 100 to 120 days in aerobic environments at temperatures above 70 °F (21 °C).

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal:

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14 – TRANSPORT INFORMATION

DOT (Ground):

Bulk Shipping Description: Does not apply to bulk oil shipping.

Non-Bulk Shipping Description: Does not apply to non-bulk oil shipping.

Identification Number: Not applicable.

Hazard Classification: Not applicable.

Other: See 49 CFR for additional requirements for descriptions, allowed modes of transport and packaging. For more information concerning spills during transport, consult latest DOT Emergency Response Guidebook for Hazardous Materials Incidents, DOT P5800.3.

IATA (Air): This material is not classified as dangerous under IATA regulations.

SAFETY DATA SHEET

Conforms with OSHA Hazard Communication Standard (29 CFR 1910.1200) HazCom 2012



Product: Honing Oil (STN-OIL)

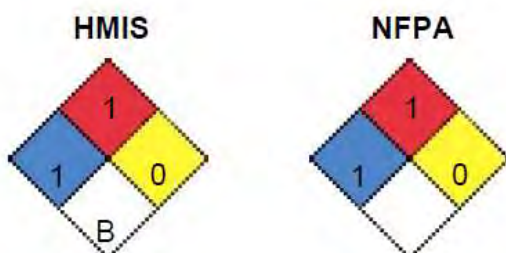
Revision Date: 11/23/2015

IMDG (Vessel): This material is not classified as dangerous under IMDG regulations.

SECTION 15 – REGULATORY INFORMATION

Chemical Name	CAS	% by Weight	Regulation List
Baseoil - unspecified	0064742-53-6	76-100	DSL, SARA 312, TSCA

SECTION 16 – OTHER INFORMATION



Issue Date: 11/23/2015

Revision Date: 11/23/2015

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SAFETY DATA SHEET

1. Identification

Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
363706	TUBE MICRO K2 EDTA LAV MAP	BD Microtainer® MAP Microtube for Automated Process

Other means of identification

SDS number: 088100181130

Recommended use and restriction on use

Recommended use: Scientific and industrial laboratory use. For In Vitro Diagnostic Use.

Restrictions on use: For External Use Only

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name: BD Diagnostics, Preanalytical Systems
Address: 1 Becton Drive
07417 Franklin Lakes, NJ USA
Telephone: 1 800 631 0174
Fax: 1 201 847 4866
Contact Person: Technical Services
E-mail: pas_tech_services@bd.com

Emergency telephone number: ChemTrec 1 800 424 9300

2. Hazard(s) identification

Hazard Classification

Health Hazards

Acute toxicity (Inhalation - dust and mist) Category 4

Label Elements

Hazard Symbol:



Signal Word: Warning

Hazard Statement: H332: Harmful if inhaled.

Precautionary Statements

Prevention: P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P271: Use only outdoors or in a well-ventilated area.

Response: P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER/doctor if you feel unwell.

Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients

Substances

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Dipotassium EDTA		25102-12-9	50 - <100%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

General information: No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

Ingestion: Seek medical advice. Due to the small packaging the risk of ingestion is minimal.

Inhalation: Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move into fresh air and keep at rest. Get medical attention if symptoms persist. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash skin with soap and water. Due to the small packaging the risk of skin contact is minimal.

Eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. Due to the small packaging the risk of eye contact is minimal.

Most important symptoms/effects, acute and delayed

Symptoms: No specific symptoms noted.

Hazards: Low hazard for recommended handling by trained personnel.

Indication of immediate medical attention and special treatment needed

Treatment: Get medical attention if symptoms occur.

5. Fire-fighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, fog, CO₂, dry chemical, or alcohol resistant foam.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: None known.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No unusual fire or explosion hazards noted.

Special protective equipment for fire-fighters: No specific precautions due to the small quantities handled. Use fire-extinguishing media appropriate for surrounding materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing dust/fume/gas/mist/vapors/spray.

Methods and material for containment and cleaning up: Sweep or scoop up and remove.

Environmental Precautions: Avoid release to the environment.

7. Handling and storage

Precautions for safe handling: Wear appropriate personal protective equipment. Observe good laboratory hygiene practices. Low hazard for recommended handling by trained personnel.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry place out of direct sunlight. Store in closed original container at temperatures between 4°C and 25°

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate Engineering Controls

Observe good industrial hygiene practices. Low hazard for recommended handling by trained personnel.

Individual protection measures, such as personal protective equipment

General information: No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Eyel/face protection: Avoid contact with eyes and prolonged skin contact. Protective gloves and goggles must be used if there is a risk of direct contact or splash.

Skin Protection

Hand Protection:

Use suitable protective gloves if risk of skin contact.

Other:

No data available.

Respiratory Protection:

Not relevant, due to the form of the product. The risk of inhalation of dust must be minimized as much as possible.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state:

solid

Form:

Crystalline Powder.

Color:

White

Odor:

Odorless

Odor threshold:

No data available.

pH:

No data available.

Melting point/freezing point:

The physical-chemical properties of this material have not been fully investigated.

Initial boiling point and boiling range:

The physical-chemical properties of this material have not been fully investigated.

Flash Point:

Not applicable

Evaporation rate:

No data available.

Flammability (solid, gas):

No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	The physical-chemical properties of this material have not been fully investigated.
Vapor density:	No data available.
Relative density:	The physical-chemical properties of this material have not been fully investigated.
Solubility(ies)	
Solubility in water:	The physical-chemical properties of this material have not been fully investigated.
Solubility (other):	Not applicable
Partition coefficient (n-octanol/water):	The physical-chemical properties of this material have not been fully investigated.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	Not determined.

10. Stability and reactivity

Reactivity:	Stable under normal temperature conditions and recommended use.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	None under normal conditions.
Conditions to avoid:	None known. None under normal conditions.
Incompatible Materials:	No common materials and contaminants with which the material may reasonably come into contact.
Hazardous Decomposition Products:	Material is stable under normal conditions.

11. Toxicological information

General information: Under normal conditions of intended use, this material does not pose a risk to health.

Information on likely routes of exposure

Ingestion: Expected to be a low ingestion hazard.

Inhalation: Harmful if inhaled. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Due to the small packaging the risk of skin contact is minimal.

Eye contact: Due to the small packaging the risk of eye contact is minimal.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No specific symptoms noted.

Inhalation: No specific symptoms noted.

Skin Contact: No specific symptoms noted.

Eye contact: No specific symptoms noted.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: No data available.

Dermal

Product: No data available.

Inhalation

Product: ATEmix: 1.5 mg/l

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: The physical-chemical properties of this material have not been fully investigated.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Dipotassium EDTA No data available.

Other adverse effects: No data available.

13. Disposal considerations

Disposal instructions: Dispose of waste and residues in accordance with local authority requirements.

Contaminated Packaging: No data available.

14. Transport information

DOTUN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
Packing Group:	Not regulated.
Marine Pollutant:	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
Special precautions for user:	Not regulated.

IMDG

UN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es)	
Class:	Not regulated.
Subsidiary risk:	Not regulated.
EmS No.:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards	
Marine Pollutant:	Not regulated.
Special precautions for user:	Not regulated.

IATA

UN Number:	Not regulated.
Proper Shipping Name:	Not regulated.
Transport Hazard Class(es):	
Class:	Not regulated.
Subsidiary risk:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards	
Marine pollutant:	Not regulated.
Special precautions for user:	Not regulated.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Not listed.

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

SARA 311/312 Hazardous Chemical

Chemical Identity

Dipotassium EDTA

Threshold Planning Quantity

10000 lbs

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

16. Other information, including date of preparation or last revision
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Issue Date: 08/07/2018

Version #: 18.1

Revision Information:**Further Information:**

No data available.

Disclaimer:**Disclaimer:**

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