

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.

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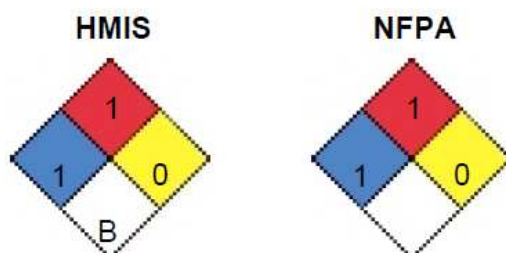
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IMDG (Vessel): This material is not classified as dangerous under IMDG regulations.

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



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