

SECTION 1 -- PRODUCT IDENTIFICATION

IDENTITY (Trade Name): Premium Stoning Oil

SYNONYMS: Polishing oil

FAMILY/CHEMICAL NAME: Mineral Oil, hydro treated naptha

PRODUCT USE: A thinner, coolant and lubricant for abrasive products.

MANUFACTURER/SUPPLIER: BORIDE Engineered Abrasives
2615 Aero Park Dr.
Traverse City MI 49686-9101

ORIGINAL ISSUE DATE: February 2015

TELEPHONE NUMBER: (231) 929-2121

24-HOUR EMERGENCY NUMBER: (231) 922-1959

SECTION 2 – HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE: May come in contact with skin or eyes.

GHS symbol:



GHS Signal Word: Danger
GHS Hazard Phrases: H304 – Hazardous if inhaled and enters airways.
GHS Hazard Category: Aspiration Hazard Category 1.

GHS Precautionary Phrases: P280 - Wear eye protection
P260 - Do not breathe dust/fume/mist/vapors/spray
P264 - Wash hands thoroughly after handling
P301+P310+P331 – If swallowed, call a Poison Center or doctor, do NOT induce vomiting.

POTENTIAL HEALTH EFFECTS:

ACUTE: Eyes: Can cause irritation, redness and eye watering.
Skin: May cause irritation, no skin absorption hazard.
Inhalation (Breathing): May cause respiratory tract irritation.
Ingestion (Swallowing): May irritate GI tract and effect the central nervous system.

CHRONIC: Similar to Acute.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None known.

NFPA RATINGS: Health: 1; Flammability: 1; Reactivity: 0

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS #	WEIGHT %	PEL	EC#
Hydrotreated distillate, middle	64742-46-7	100%	5 mg/m3	265-148-2

SECTION 4 – FIRST AID MEASURES

EYES: Flush eyes with water for 15 minutes lifting upper and lower lids occasionally. Seek medical attention if irritation or redness persists.

SKIN: Thoroughly wash affected area with soap and water and isolate from exposure. If irritation or rash persists, seek medical attention.

INHALATION: Remove individual from exposure. If symptoms of pulmonary involvement (coughing, sneezing, shortness of breath) persist, seek medical attention.

INGESTION (Swallowing): If swallowed, dilute with a large amount of water, DO NOT induce vomiting and seek medical attention.

SECTION 5 – FIREFIGHTING MEASURES

FLASH POINT: >260°F (Pensky-Martens Closed Cup).

FLAMMABLE LIMITS IN AIR: Unknown.

AUTOIGNITION TEMPERATURE: Unknown.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

FIRE FIGHTING PROCEDURES: Do not direct a stream of water or foam into burning liquid. This may cause foaming and increase fire intensity.

EXTINGUISHING MEDIA: Do not use streams of water. Use foam, dry chemical or CO₂.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Use absorbent material to collect liquid and sweep or shovel into closable container for disposal.

METHODS FOR CONTAINMENT: Absorbent material.

SECTION 7 – HANDLING AND STORAGE

HANDLING: If usage conditions generate airborne mist, use in well ventilated area and avoid breathing mist.

STORAGE: Keep from freezing or extreme heat during storage. Always ground storage containers.

PERSONAL HYGIENE: Use good personal hygiene. Wash hands before eating, drinking or smoking.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

<u>MATERIAL</u>	<u>CAS #</u>	<u>WEIGHT %</u>	<u>PEL</u>	<u>Hazardous Ingredient (YES/NO)</u>
Hydrotreated distillate, middle	64742-46-7	100%	5 mg/m ³	Yes

PRECAUTIONS FOR SAFE USE AND HANDLING

HANDLING PRECAUTIONS: If usage conditions generate airborne mist, use in well ventilated area and avoid breathing mist or fume.

CONTROL MEASURES

EYE PROTECTION: Goggles or safety glasses with side shields are recommended.

PROTECTIVE GLOVES: Hydrocarbon resistant recommended but not required.

RESPIRATORY PROTECTION: Required if vapors exceed exposure limits. Selection and use of respiratory protective equipment, if warranted, should be in accordance with OSHA General Industry Standard 29 CFR 1910.134 in the U.S.A. and with CSA Standard Z94.4-M1982 in Canada.

ENGINEERING CONTROLS: Provide process enclosure or local ventilation for spraying operations producing mists. Product is a static accumulating liquid. Ground & bond container and equipment.

OTHER PROTECTIVE EQUIPMENT: None necessary.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, and ODOR: Light straw colored liquid, characteristic petroleum odor.

ODOR THRESHOLD: Unknown.

SPECIFIC GRAVITY: 0.82

VAPOR PRESSURE: 0 mm Hg @ 20 °C

BOILING POINT: > 520 °F.

DENSITY: 6.8 lbs/gl.

PH: NA.

SOLUBILITY IN WATER: Not soluble.

FLASH POINT: >260 °F.

VOLATILE ORGANIC COMPOUNDS: NA.

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable, not reactive with water.

INCOMPATIBILITY (material & conditions to avoid): Incompatible with strong oxidizing agents and strong acids.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Inhalation and aspiration hazard.

CARCINOGENS: Not a carcinogen.

RTECS Number: SE7449000.

INGESTION: LD50 RAT: >5000 mg/kg.

INHALATION: LC50 Rat: 7.2 mg/L 1 Hr.

DERMAL: LD50 Rabbit: >2000 mg/kg.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: 96 Hr. LC50 Pimephales promelas: NA mg/L

PERSISTENCE AND DEGRADABILITY: Not determined.

MOBILITY IN SOIL: Not determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with federal, state, provincial and local regulations.

SECTION 14 -- TRANSPORTATION INFORMATION

DOT

PROPER SHIPPING NAME: Lubricating Oil, N.O.S. HAZARD CLASS: None.

ID NUMBER: None PACKAGING GROUP: None. ER Guidebook #: 128.

IATA Shipping Name: Not regulated as dangerous goods.

IMO Shipping Name: Not regulated as dangerous goods.

SECTION 15 -- REGULATORY INFORMATION

TSCA Inventory Status: Listed

ECHA REACH Candidate List: Not listed

EC Number: 265-148-2

SARA TITLE III: Product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE LIST: Not listed

SECTION 313 TOXIC CHEMICALS LIST: Not listed

FEDERAL RCRA HAZARDOUS WASTE: Not listed

REPORTABLE QUANTITY (RQ), UNDER U.S.: Not listed

SECTION 16 -- ADDITIONAL INFORMATION

SDS creation date: February 22, 2015

SDS revision date: July 11, 2023

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