

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name..... THREAD CUTTING OIL
Part Number/Trade Name..... RIDGID PREMIUM NUCLEAR THREAD
CUTTING OIL
National Stock Number..... 9150010135281
CAGE Code..... 50893
Part Number Indicator..... A
MSDS Number..... 191560
HAZ Code..... B

SECTION II - Manufacturer's Information

Manufacturer Name..... RIDGE TOOL CO
Street..... 400 CLARK STREET
City..... ELYRIA
State..... OH
Country..... US
Zip Code..... 44035-6108
Emergency Phone..... 440-323-5581
Information Phone..... 800-519-3456

MSDS Preparer's Information

Date MSDS Prepared/Revised..... 25FEB00
Date of Technical Review..... 16MAR92
Active Indicator..... Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code..... V6
Appearance/Odor..... CLEAR AMBER LIQUID
Boiling Point..... 480 F
Vapor Pressure..... 0.01
Vapor Density..... 1
Specific Gravity..... 0.87

Evaporation Rate..... 1 (BUTYL=1)
Solubility in Water..... NIL
Container Type..... F
Container Pressure Code..... 1
Temperature Code..... 4
Product State Code..... L

SECTION IV - Fire and Explosion Hazard Data

Flash Point..... 385
Flash Point Method..... COC
Lower Explosion Limit..... ND
Upper Explosion Limit..... ND
Extinguishing Media..... WATER FOG, DRY CHEMICAL, CARBON DIOXIDE
Special Fire Fighting Procedures..... WEAR SCBA. KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER.
Unusual Fire/Explosion Hazards..... HOT VAPORS FORM EXPLOSIVE MIXTURES WITH AIR.

SECTION V - Reactivity Data

Stability..... YES
Stability Conditions to Avoid..... SPARKS AND OPEN FLAMES.
Materials to Avoid..... STONG ACIDS AND OXIDANTS.
Hazardous Decomposition Products..... UPON COMBUSTION: CARBON MONOXIDE, CARBON DIOXIDES, OXIDES OF SULFUR.
Hazardous Polymerization..... NO
Polymerization Conditions to Avoid..... WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin..... YES
Route of Entry: Ingestion..... YES
Route of Entry: Inhalation..... YES
Health Hazards - Acute and Chronic..... CAUSES IRRITATION MAY BE SKIN DEFATTER UPON PROLONGED OR REPEATED CONTACT. OVEREXPOSURE TO VAPORS, MIST OR FUMES MAY RESULT IN UPPER RESPIRATORY TRACT IRRITATION. AND DIFFICULTY BREATHING.
Carcinogenity: NTP..... NOT LISTED
Carcinogenity: IARC..... NOT LISTED
Carcinogenity: OSHA..... NOT LISTED
Explanation of Carcinogenity..... NOT LISTED

Symptoms of Overexposure..... [EYE] MILD IRRITATION AND REDNESS [INGEST] GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. [INHAL] DIZZINESS AND DIFFICULTY BREATHING.

Medical Cond. Aggravated by Exposure.... SENSITIVE DRY SKIN.

Emergency/First Aid Procedures..... [EYES] IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN. [SKIN] WASH WITH SOAP AND WATER. REMOVE FLUID SOAKED CLOTHING AND SHOES. LAUNDRER BEFORE REUSE. [INGEST] DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. [INHAL] REMOVE TO FRESH AIR AND GIVE ARTIFICIAL RESPIRATION IF NECESSARY. GET MEDICAL ATTENTION.

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled..... DO NOT USE WATER. SOAK UP WITH SAND, EARTH OR OTHER INERT MATERIAL. PUT IN A SUITABLE CONTAINER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Neutralizing Agent..... NR

Waste Disposal Method..... DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. AVOID CONTAMINATION OF SEWERS AND LOCAL WATERWAYS.

Handling and Storage Precautions..... AVOID CONTACT WITH EYES, SKIN AND CLOTHING. REMOVE CONTAMINATED CLOTHING. LAUNDRER BEFORE RE-USE. WASH THOROUGHLY AFTER HANDLING.

Other Precautions..... AVOID BREATHING MIST OR VAPORS.

SECTION VIII - Control Measures

Respiratory Protection..... NIOSH/MSHA APPROVED RESPIRATOR IF ENGINEERING OR OTHER CONTROLS ARE NOT ADEQUATE TO REDUCE AIRBORNE EXPOSURE TO BELOW PERMISSIBLE EXPOSURE LIMITS.

Ventilation..... GENERAL DILUTION OR LOCAL EXHAUST RECOMMENDED.

Protective Gloves..... NEOPRENE OIL IMPERVIOUS

Eye Protection..... SAFETY GLASSES OR GOGGLES
Other Protective Equipment..... APRONS, OIL REPELLENT BARRIER
CREAM, OR OTHER AS REQUIRED TO
AVOID SKIN CONTACT.
Work Hygenic Practices..... WASH AFTER HANDLING.

SECTION IX - Label Data

Protect Eye..... YES
Protect Skin..... YES
Protect Respiratory..... YES
Chronic Indicator..... NO
Contact Code..... SLIGHT
Fire Code..... UNKNOWN
Health Code..... UNKNOWN
React Code..... UNKNOWN
Specific Hazard and Precaution..... NO TARGET ORGANS LISTED FOR
CHRONIC EXPOSURES

SECTION X - Transportation Data

Container Quantity..... 1
Unit of Measure..... GL

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)..... 0
Volatile Organic Compounds (G/L)..... 0

SECTION XII - Ingredients/Identity Information

Ingredient #..... 01
Ingredient Name..... DISTILLATES, PETROLEUM,
HYDROTREATED HEAVY PARAFFINIC
(>95%)
CAS Number..... 64742547
Proprietary..... NO
Percent..... 95
OSHA PEL..... 5 MG/M3 (OIL MIST)
ACGIH TLV..... 5 MG/M3;10STEL(MIST)
Recommended Limit..... N/K
Ingredient #..... 02
Ingredient Name..... SULFUR ADDITIVE PACKAGE
(MIXTURE) (<5%)
CAS Number..... 1002
Proprietary..... NO

Percent..... 5

NOTICE: For additional information, contact BIOENVIRONMENTAL/7-4551

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