

**SECTION 1 - PRODUCT IDENTIFICATION**

PRODUCT NAME:	CUT COOL 217
PRODUCT USE:	METAL WORKING FLUID
RESTRICTIONS ON USE:	Refer to label, available technical information, and other appropriate sections of this SDS.
UN NUMBER:	NOT REGULATED
PROPER SHIPPING NAME:	NOT REGULATED
MANUFACTURER'S NAME:	Eagle Superabrasives, Inc.
ADDRESS:	141 – 33 <sup>rd</sup> Street Drive SE, Hickory, NC 28602
EMERGENCY PHONE:	<b>North America: CHEMTREC: 1-800-424-9300</b> <b>Outside North America: +1-703-527-3887</b>
BUSINESS PHONE:	Product Information: 828-261-7281
SDS NUMBER:	SDL0574
DATE OF REVISION:	5/4/2015

**SECTION 2 - HAZARDS IDENTIFICATION**

**SIGNAL WORD:** WARNING

**HAZARD STATEMENT:**

H303: May be harmful if swallowed.  
H316: Causes mild skin irritation.  
H320: Causes eye irritation. 2B  
H335: May cause respiratory irritation. 3



**PRECAUTIONARY STATEMENTS: (PREVENTION)**

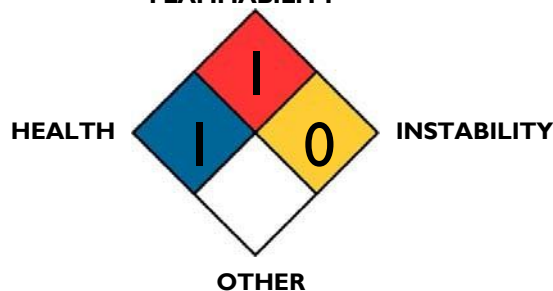
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash all exposed skin/hair thoroughly after handling.

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM**

<b>HEALTH HAZARD (BLUE)</b>	<b>1</b>
<b>FLAMMABILITY HAZARD (RED)</b>	<b>1</b>
<b>REACTIVITY HAZARD (YELLOW)</b>	<b>0</b>

Hazard Scale  
0=Minimal  
1=Slight  
2=Moderate  
3=Serious  
4=Severe  
\*=Chronic hazard

**NFPA RATING  
FLAMMABILITY**



### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous Ingredients</b>	<b>CAS#</b>	<b>EC#</b>	<b>ICSC#</b>	<b>WT %</b>
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT	64742-53-6	265-156-0	N/A	65

### SECTION 4 - FIRST AID MEASURES

Exposed individuals must be taken for medical attention if any adverse effect occurs. Take a copy of this SDS to the health professional with the individual. P312: Call a POISON CENTER or doctor/physician if you feel unwell.

**WARNING:** May be harmful if swallowed or inhaled. Causes mild skin irritation. Causes eye irritation. Also refer to Section 11 for symptoms, effects, and likely routes of exposure for this product.

#### **TARGET ORGANS:**

ACUTE: irritation of skin, eyes, respiratory and gastrointestinal systems.

CHRONIC: irritation of skin, eyes, respiratory and gastrointestinal systems.

**SKIN EXPOSURE:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Minimum flushing time is for 15 minutes. Remove exposed or contaminated clothing, taking care not to contaminate the eyes. Wash contaminated clothing before reuse. P332+P313: If skin irritation occurs: Get medical advice/attention.

**EYE EXPOSURE:** P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Use sufficient force to open the eyelids. Have the exposed individual "roll" their eyes. Minimum flushing time is for 15 minutes. P337+P313: Get medical advice/attention.

**INHALATION:** P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove or cover gross contamination to avoid exposure to rescuers. P312: Call a POISON CENTER or doctor/physician if you feel unwell.

**INGESTION:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Never induce vomiting or give diluents (milk or water) by mouth to someone who is unconscious, having convulsions, or unable to swallow. P312: Call a POISON CENTER or doctor/physician if you feel unwell.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Skin, eye and respiratory disorders, as well as conditions involving the "Target Organs" may be aggravated by prolonged exposures to this product. Exposed individual must seek immediate medical attention if any adverse effect occurs.

**NOTES TO PHYSICIAN:** Treat symptoms as demonstrated by signs and distress in the patient.

### SECTION 5 - FIRE FIGHTING MEASURES

#### **SUITABLE (AND UNSUITABLE) EXTINGUISHING MATERIALS:**

Use water spray, carbon dioxide or dry chemical foam.

#### **SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

Thermal decomposition may yield irritating or toxic fumes.

#### **SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:**

Firefighters should wear fully protective clothing (chemical impermeable, fully encapsulated suit) and positive pressure self-contained breathing apparatus. Do not release run off from fire control methods to sewer or waterways.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, ENVIRONMENTAL PRECAUTIONS AND EMERGENCY PROCEDURES.

**WARNING:** Any container expansion or rounding indicates pressure build-up. Use extreme caution. When opening, release pressure slowly through opening.

**SPILL AND LEAK RESPONSE:** Uncontrolled releases should be responded to by appropriately trained personnel using pre-planned procedures. Proper protective equipment should be used, refer to Section 8 - exposure controls.

**Small Spill:** Mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. P391: Collect spillage.

**Large Spill:** Restrict access to the area. Provide adequate protective equipment and ventilation. Stop leak if without risk. Remove chemicals which can react with the spilled material. Add dry inert material to contain and absorb spilled material. Prevent entry into surface waters, sewers, basements or confined areas, dike if needed. Ensure that exposure to product is not at a concentration exceeding regulatory limits. Decontaminate the area thoroughly. Decontaminate all response equipment with soapy water before returning to service. Place all spill residue in a suitable container and seal. P391: Collect spillage.

## SECTION 7 - HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Keep out of reach of children. All employees who handle this material should be trained to handle it safely. Open containers slowly on a stable surface. As with all chemicals, avoid getting this product ON YOU or IN YOU. Avoid direct or prolonged contact with skin or eyes. Do not ingest. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors, dusts or mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately. Use only as directed. Refer to Section 8 for exposure controls.

**CONDITIONS FOR SAFE STORAGE:** Containers of this product must be properly labeled. Storage areas of this product should be clearly identified, well-illuminated, clear of obstruction and accessible only to trained and authorized personnel. Store containers in a clean, cool, well ventilated, dry location, away from direct sunlight, away from incompatible materials at temperatures between 50°F (10°C) - 100°F (37°C). Keep container tightly closed when not in use. P405: Store locked up. Do not ingest. Do not breathe vapor mist. Wash hands after handling. Refer to Section 10 for incompatibilities.

## SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation. Eyewash/safety shower station is recommended to be available near where this product is used/stored.

### EXPOSURE LIMITS/GUIDELINES:

### EXPOSURE LIMITS IN AIR

CHEMICAL NAME	CAS#	ACGIH TLV		OSHA PEL	OTHER
		TWA	STEL	TWA	
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT*	64742-53-6	NE	NE	NE	N/A

\* Multiple authorities have established exposure limits for "Petroleum distillates (Naptha) (Rubber Solvent)". These limits include: Fed OSHA PEL: 500 ppm and 2000 mg/m<sup>3</sup>; Cal/OSHA PEL TWA: 1600 ppm; Cal/OSHA [Oil (mineral) mist, particulate] PEL: 5 mg/m<sup>3</sup>; NIOSH REL TWA: 350mg/m<sup>3</sup>(C) and 15.6 ppm [15-min]; and ACGIH values which must be individually derived based upon the methodology presented in the ACGIH TLV Handbook, Appendix H.

NE = Not Established

**INGESTION:** Wash all exposed skin/hair thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**RESPIRATORY PROTECTION:** P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P271: Use only outdoors or in a well-ventilated area. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. Air-purifying respirators with dust/mist/fume/spray filters are recommended if operations may produce dusts, mists or sprays from this product with concentrations at or above levels posted above.

**EYE PROTECTION:** P264: Wash all exposed skin/hair thoroughly after handling. Wear chemical safety goggles or safety glasses with side shields. A face shield may also be necessary for splash protection.

**SKIN PROTECTION:** Wash all exposed skin/hair thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use chemically-resistant gloves and skin protection, when handling this product. Use body protection appropriate for task (e.g., lab coat, overalls).

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE and COLOR:	Blue liquid	VAPOR PRESSURE, mm Hg @ 20°C :	< 1
ODOR :	Mild	VAPOR DENSITY (Air=1):	> 1
ODOR THRESHOLD:	Not established	RELATIVE DENSITY@20°C (water=1):	0.95
pH:	9.1 (10:1 Dilution)	SOLUBILITY IN WATER:	Complete
MELTING/FREEZING POINT:	Not established	PARTITION COEFFICIENT(n-octanol/water):	Not established
BOILING POINT:	> 550°F	AUTOIGNITION TEMPERATURE:	Not established
FLASHPOINT:	300°F	DECOMPOSITION TEMPERATURE:	Not established
EVAPORATION RATE (n-BuAc=1):	< 1	VISCOSITY:	Not established
FLAMMABILITY (SOLID/GAS):	Not applicable	VOLATILE ORGANIC COMPOUNDS (%):	Not established
FLAMMABLE LIMITS (in air by volume, %):	Not established		

## SECTION 10 - STABILITY AND REACTIVITY

**REACTIVITY:** Product is not reactive under standard ambient temperature and pressure.

**STABILITY:** Stable under normal condition of use and storage.

### POSSIBILITY OF

**HAZARDOUS REACTIONS:** None known.

**CONDITIONS TO AVOID:** Storage in direct sunlight.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

### HAZARDOUS

**DECOMPOSITION PRODUCTS:** Thermal decomposition may yield oxides of carbon and nitrogen.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL EFFECTS:** No data available for this product.

**LIKELY ROUTES OF EXPOSURE:** Skin and eye contact.

**RELATED SYMPTOMS:** Skin, eye, respiratory and gastrointestinal irritation. May be harmful if swallowed.

### DELAYED/IMMEDIATE/CHRONIC EFFECTS FROM SHORT AND

**LONG TERM EXPOSURES:** Skin, eye, respiratory and gastrointestinal irritation. May be harmful if swallowed.

### NUMERICAL MEASURES OF

**TOXICITY:** Not established for this product.

**CARCINOGENICITY:** None of the components of this product are listed by the NTP, or regulated by OSHA as carcinogens.

IARC has concluded that Distillates Petroleum Hydrated Light are "not classifiable as to their carcinogenicity to humans," based on inadequate human or animal evidence.

## SECTION 12 - ECOLOGICAL INFORMATION

**ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.**

**ECOTOXICITY:** Data not available for this product.

**PERSISTENCE AND DEGRADABILITY:** No data available for this product.

**BIOLOGICAL ACCUMULATION POTENTIAL:** No data available for this product.

**MOBILITY IN SOIL:** No data available for this product.

**OTHER ADVERSE EFFECTS (i.e., hazardous to the ozone layer):** No data available for this product.

**BIOLOGICAL EXPOSURE INDICES:** Currently, Biological Exposure Indices (BEIs) have not been determined for this product.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**DISPOSAL:** P501: Dispose of contents/container in accordance with local/regional/national/international regulations. Rinse empty containers with water and use the rinse water to prepare the working solution. Refer to section 8 for exposure controls - personal protection.

## SECTION 14 - TRANSPORTATION INFORMATION

### PROPER SHIPPING NAME

DOT: NOT REGULATED

IMDG/IMO: NOT REGULATED

IATA/ICAO: NOT REGULATED

### ENVIRONMENTAL HAZARDS

(i.e., MARINE POLLUTANT): None known.

TRANSPORT IN BULK (according to annex II marpol 73/78 and the IBC code): Not applicable.

SPECIAL PRECAUTIONS FOR USER: None known.

## SECTION 15 - REGULATORY INFORMATION

### United States and International Regulations

United States Regulations: **U.S. SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting as listed below, requirements of Sections 302, 304, and 313 of Title of the Superfund Amendments and Reauthorization Act:

#### CHEMICAL NAME

DISTILLATES, PETROLEUM,  
HYDROTREATED LIGHT

SARA 302 (40 CFR 355, Appendix A) - NO  
SARA 304 (40 CFR Table 302.4) - NO  
SARA 313 (40 CFR 372.65) - NO

#### U.S. Regulations

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None.

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory.

SARA Title 311/312, Hazard Category: Acute Health: NO; Chronic: NO; Fire: NO; Reactive: NO; Sudden Release of Pressure: NO

**California Safe Drinking Water and Toxic Enforcement Act (proposition 65):** No component of this product is on the Proposition 65 list.

#### International Regulations

CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS: The components of this product are on the DSL or NDSL Inventories or are exempt from listing.

CANADIAN WHMIS CLASSIFICATION: No components of this product have WHMIS classifications.

## SECTION 16 - OTHER INFORMATION

PREPARED BY: Eagle Superabrazives, Inc.

DATE OF REVISION: 5/4/2015 Supercedes: 6/18/2013

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