



## Safety Data Sheet

10800 Middle Ave.  
Elyria, Ohio 44035  
(440) 458-5730 - Voice  
(440) 458-4918 -- Fax  
(440) 463-3018 – Emergency

### ProCut 9586

QUICK IDENTIFIER (In Plant Common Name)

#### 1 – IDENTIFICATION

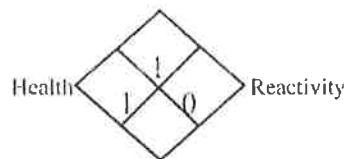
Domestic Trade Name (used on label)

**ProCut 9586**

**PRODUCT CLASS:** Oil based cutting / machining  
lubricant

#### HAZARD RATING

Flammability



**Export Trade Name** ProCut 9586

**Product Class** Oil based lubricant

**Chemical Family** Hydrocarbon Mixture

**Formula** N/A Mixture

**Date Prepared:** 05/14

**Revision A**

**Prepared by:** Dean

#### 2 – HAZARD IDENTIFICATION

##### Warning:

May cause slight eye irritation.  
Long term exposure to dust/mist above allowable  
TLV/TWA concentrations is not recommended.  
Long term exposure may lead to chronic lung  
damage.

##### Protective Measures:

Avoid contact with the eyes.  
Use in well ventilated areas.  
Avoid breathing dust.  
Wear protective dust/mist masks if dust/mist  
concentrations warrant their use.

#### 3 – COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

INGREDIENT OR TSRN#	CAS #	WEIGHT PERCENT	THRESHOLD LIMIT VALUE (UNITS)
Petroleum Distillate	64742-52-5	5.0% – 40.0%	5.0 mg/M <sup>3</sup> (as oil mist)
Light Petroleum Distillate	8052-41-3	10.0% - 45.0%	5.0 mg/M <sup>3</sup> (mist)
EP / AW additives	Trade Secret	1.0% - 15.0%	Not Established
Light Petroleum Hydrocarbon	64742-53-6	0.0% - 25.0%	5.0 mg/M <sup>3</sup> (as oil mist)
Med. Petroleum Hydrocarbon	64742-65-0	0.0% - 15.0%	5.0 mg/M <sup>3</sup> (as oil mist)
Medium Petroleum Oil	64771-72-8	0.0% – 5.0%	5.0 mg/M <sup>3</sup> (as oil mist)



## Safety Data Sheet

### 4 – EMERGENCY AND FIRST AID MEASURES

#### 1. Inhalation

Remove people affected to fresh air. Obtain medical attention if necessary.

#### 2. Eyes

Flush eyes immediately with plenty of water for 15 minutes; consult a physician.

#### 3. Skin

Wash with warm, soapy water. Wash contaminated clothing before re-use

#### 4. Ingestion

Do NOT induce vomiting. Obtain medical attention immediately.

### 5 – FIRE FIGHTING MEASURES

Flash Point	Flammable Limits in Air as mist (% by Volume)	Lower	Upper	Extinguisher Media	Auto-Ignition Temperature
250 - 300°F	N/D - mixture	N/D	N/D	Halon, CO <sub>2</sub> , dry chemical, foam, water spray, Water Fog	> 400° F

#### Special Fire Fighting Procedures

For fires do not enter any enclosed or confined fire space without a self-contained breathing apparatus to protect against the hazardous effects of normal combustion or oxygen deficiency in full turnout gear.

**Treat as an OSHA Class 3B combustible liquid fire.**

#### Unusual Fire and Explosion Hazards

Do not use forced steam as this may cause the fire to spread.

### 6 – ACCIDENTAL RELEASE MEASURES

#### RELEASE RESPONSE

1. Contain the spill to prevent possible contamination to local sewer systems or watersheds.
2. Stop source of leak.
3. Pump spilled material into salvage container.
4. Soak up remaining material with absorbent such as sand, clay or OIL-Dry.
5. This material is Non-Hazardous.
6. Dispose of contaminated released material in accordance with all federal, state, and local laws.
7. Regard release as an 'oil-spill' and respond accordingly.

#### PERSONAL PROTECTIVE EQUIPMENT

Wear an MSHA/NIOSH approved air-purifying particulate filter respirator approved for use against respirable dust and or mists. Wear rubber gloves. Wear eye protection.

### 7 – HANDLING AND STORAGE

#### Precautions to be taken in Handling and Storage.

Store away from OPEN FLAMES (10 yards minimum). Do not store at temperature above 140° Fahrenheit. Keep containers closed until used.

#### Other Precautions

Do not pressurize, cut, weld, braze, drill, grind, or heat empty containers as some flammable, hazardous or combustible residue may be present. Avoid breathing mist. For industrial use only.



## Safety Data Sheet

### 8 – EXPOSURE CONTROL INFORMATION

#### OCCUPATIONAL EXPOSURE LIMITS

SEE SECTION 2 FOR EXPOSURE LIMITS

#### Respiratory Protection (Specify Type)

NIOSH approved DM mask for a dust/mist environment. Individual plant air quality monitoring may be required to determine the appropriate NIOSH respiratory protection given different individual dust/mist concentrations. Consult NIOSH handbook for other recommendations depending on individual plant environments.

Ventilation is  
Recommended

Local Exhaust is  
Recommended

Mechanical (General)  
Recommended

Special  
-----

Other  
-----

#### Protective Gloves

Should be worn to limit skin exposure; must be hydrocarbon resistant

#### Eye Protection

Safety goggles or face shield should be worn at all times during use and handling.

#### Other Protective Clothing or Equipment

Local Eye Wash. Local emergency shower. Normal work apparel (Cotton recommended). Rubber apron.

### 9 – PROPERTIES

Boiling Point N/A	Specific Gravity (H <sub>2</sub> O=1) 0.80 – 0.90	Vapor Pressure (mmHg) Unknown
Percent Volatile by Volume 100%	Vapor Density (Air = 1) >1	Evaporation Rate (Ether = 1) <<1
Solubility in Water Insoluble		Acid Value = 0 mg 0.1 M KOH
Appearance and Odor Light tan / yellow color with a characteristic petroleum odor.		

### 10 – REACTIVITY INFORMATION

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions To Avoid N/A
Hazardous Decomposition Products Normal thermal decomposition by-products of a hydrocarbon, i.e. CO, CO <sub>2</sub> , H <sub>2</sub> O.		
Incompatibility (Materials to Avoid) Avoid contact with strong acids, strong bases and strong oxidizers.		
Hazardous Polymerization Will Not Occur	Conditions to avoid Do not store in temperatures above 140°Fahrenheit	



# Metal Forming Lubricants

Incorporated

www.mflub.com

## Safety Data Sheet

<b>11 – HEALTH / TOXICITY INFORMATION</b>		
<b>Threshold Limit Value</b> See Section 2.		
<b>Signs and Symptoms of exposure</b>	1. Acute Overexposure Contact may cause skin or eye irritation. If swallowed it may cause gastrointestinal irritation; call a physician immediately. 2. Chronic Overexposure May cause dermatitis in some individuals.	
<b>Medical Conditions Generally Aggravated by Exposure</b> Dermatitis or other mild skin condition mild eye irritation.		
<b>Chemical Listed as Carcinogen or Potential Carcinogen by the:</b> 1) National Toxicology Program – NO 2) I.A.R.C. Monographs -- NO 3) OSHA – NO		
<b>OSHA Permissible Exposure Limit</b> N/D - Mixture	<b>ACGIH Threshold Limit Value</b> N/D – Mixture	<b>Other Exposure Limit Used</b> N/D - Mixture
<b>TOXICITY INFORMATION</b> N/D - mixture.		

## ENVIRONMENTAL / DISPOSAL CONSIDERATIONS

<b>12 – ENVIRONMENTAL HAZARDS</b> Oil – based product. Treat as oil release. See Section 6 for accidental release procedures.
<b>13 – DISPOSAL CONSIDERATIONS</b> Dispose of in a manner in accordance with federal, state, and local regulations. Use a licensed waste handler

## 14 – TRANSPORTATION INFORMATION (OPTIONAL)

DOT PROPER SHIPPING NAME: Not Regulated
DOT HAZARD CLASS: Not Regulated
DOT UN NUMBER: Not Regulated
DOT PACKING GROUP: Not Regulated
IATA PROPER SHIPPING NAME: Not Regulated
IATA HAZARD CLASS: Not Regulated
IATA UN NUMBER: Not Regulated
IATA PACKING GROUP: Not Regulated

## 15 – REGULATORY INFORMATION

### CHEMICAL INVENTORIES

None / Exempt – Chemical Mixture
<b>SARA 313 Information</b>
No Listed Components.



## Safety Data Sheet

### 16 – OTHER INFORMATION

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their own particular purposes. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The data in this SDS relates only to the specific material designated and does not relate to use in combination with any other material or process.

#### H.M.I.S. CODES

Health: 1

Fire: 1

Reactivity: 0

N/A = Not Applicable  
N/D = Not Determined  
N/L = Not Listed

TLV = Threshold Limit Value (ACGIH)  
PEL = Permissible Exposure Limit (OSHA)  
TWA = Time Weighted Average