



Material Safety Data Sheet

PRODUCT NAME: PRO-CUT 412
CHEMICAL NAME & SYNONYMS: SEMISYNTHETIC COOLANT
RECOMMENDED USE: MACHINING

INFORMATION PHONE: 219-962-8554
EMERGENCY PHONE: 1-800-535-5053

HMIS

HEALTH	
FLAMMABILITY	0
REACTIVITY	0

I. PHYSICAL DATA & CHEMICAL DATA

BOILING POINT: 215 F
VAPOR PRESSURE: < WATER
SOLUBILITY IN WATER: COMPLETE
EVAPORATION RATE: < THAN WATER
SPECIFIC GRAVITY: 0.839
PERCENT VOLATILE BY VOLUME: < 60
APPEARANCE: SL. HAZY AMBER COLORED
ODOR: BLAND
PHYSICAL STATE: LIQUID
VAPOR DENSITY: ND
pH CONC. (As Shipped): 9.3

II. POTENTIALLY HAZARDOUS INGREDIENTS

CAS #: NONE

CAS #: NONE

SEE SECTIONS IX & X FOR FURTHER DATA

III. FIRE AND EXPLOSION DATA

FLASH POINT: N/A
FLAMMABLE LIMITS: N/D LOWER: N/D UPPER: N/D
E#TI GUSHI G MEDIA: WATER MIST, CARBON DIOXIDE, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:

Cool containers exposed to fire with water spray. Use self contained breathing apparatus with full face piece & protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

IV. REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID: N/A
INCOMPATIBILITY: Oxidizing agents, acids
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, smoke, sulfur oxides,
HAZARDOUS POLYMERIZATION: Will not occur.

V. HEALTH HAZARD DATA

PUBLISHED EXPOSURE LIMITS

ND

EFFECTS OF OVEREXPOSURE

ACUTE:

Inhalation: Acute effect unlikely.
 Skin: Acute effect unlikely.
 Eyes: Contact will cause irritation.
 Ingestion: May cause upset stomach and diarrhea.

CHRONIC:

Inhalation: Long-term exposure to vapors/mists may cause pulmonary irritation, dizziness, and nausea.
 Skin: Prolonged contact may cause various skin disorders.
 Eyes: Prolonged contact will cause irritation.
 Ingestion: Prolonged ingestion may cause upset stomach and diarrhea.

CARCINOGENICITY **NTP:** None **IARC:** None **OSHA REGULATED:** None

INHALATION:

Remove to fresh air and provide oxygen if breathing is difficult.

INGESTION:

Normally no treatment is necessary unless large volume of product is ingested. If large volume is ingested, get medical attention.

EYE CONTACT:

Flush with water for 15 minutes while holding eyelids open. If irritation occurs, call a physician.

SKIN CONTACT:

Wash with water and mild soap.

VI. SPILL & LEAK PROCEDURES

IF MATERIAL IS RELEASED OR SPILLED:

Recover free liquid. Add clay or sand absorbent to spill area to recover residue.

WASTE DISPOSAL:

Disposal procedures must be in accordance with Local, State, and Federal Regulations.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Natural ventilation normally sufficient.

LOCAL EXHAUST: N/A **SPECIAL:** N/A

MECHANICAL (GENERAL): For closed space **OTHER:** N/A

PROTECTIVE GLOVES: Chemical resistant

EYE PROTECTION: Splash goggles, face shield, or glasses.

OTHER PROTECTIVE EQUIPMENT:

Chemical apron if needed to avoid prolonged or repeated contact.
NIOSH approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.

VIII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store between 50-90 F. Store in carbon steel tank or drums away from a source of heat or open flame.
Empty containers contain product residue. Do not cut or weld on or near container. Store in a well ventilated area.

PERSONAL HYGIENE:

Wash thoroughly before meals and at end of work periods. Launder or dry-clean soiled clothing before reuse.
Discard shoes that become saturated with product.

IX. ENVIRONMENTAL REGULATIONS/FEDERAL EPA

SARA III (Superfund Amendment and Reauthorization Act of 1986)

40 CFR Part 372 and 40 CFR Part 355

Sections 302, 304, and 40 CFR 355 - Extremely Hazardous Substances:

COMPONENT	RQ (lbs.)	TPQ (lbs.)	CAS#
NONE			

Sections 311, 312, and 40 CFR 355 - Hazard Categories:

ACUTE (IMMEDIATE HEALTH HAZARD):	No	FIRE HAZARD:	No
CHRONIC (DELAYED HEALTH HAZARD):	Yes	REACTIVE HAZARD:	No
SUDDEN PRESSURE RELEASE:	No		

Section 313 and 40 CFR Part 372

COMPONENT	CAS#
NONE	

CERCLA (Comprehensive Environment Response, Compensation and Liability Act)

Section 102 - Hazardous Substances:

COMPONENT	RQ (lbs.)	CAS#
NONE		

CLEAN WATER ACT:

Under section 311 (b)(4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.

X. PRECAUTIONARY LABEL TEXT

FOR INDUSTRIAL USE ONLY.

NOT INTENDED OR SUITABLE FOR USE IN OR AROUND A HOUSEHOLD OR DWELLING.

ATTENTION:

EMPTY CONTAINERS CONTAIN PRODUCT RESIDUE, INCLUDING IGNITABLE VAPORS. DO NOT CUT OR WELD.
REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HEALTH INFORMATION.

HMIS/NFPA HAZARD: 4 = SEVERE 3 = SERIOUS 2 = MODERATE 1 = SLIGHT 0 = MINIMAL

N/D = NOT DETERMINED N/A = NOT APPLICABLE < = LESS THAN > = GREATER THAN

The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct, PROCHEMCO, INC. makes no representations as to its accuracy or sufficiency, usage, or the hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of this information under their own operating

conditions to determine whether this product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other material in any process.

PROCHEMCO, INC.

June 1, 2007