

TURNER-DIVISION OF COOPER TOOLS -- PROPYLENE -- 3433-01-161-4998

===== Product Identification =====

Product ID:PROPYLENE

MSDS Date:01/01/1997

FSC:3433

NIIN:01-161-4998

MSDS Number: BNWCT

=== Responsible Party ===

Company Name:TURNER-DIVISION OF COOPER TOOLS

Address:821 PARK AVENUE

Box:NONE

City:SYCAMORE

State:IL

Country:US

Info Phone Num:815-895-4545

Emergency Phone Num:815-895-4545

CAGE:96508

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Contractor Identification ===

Company Name:GENERAL TOOL & SUPPLY CO.

Address:5614 7TH AVENUE SOUTH

Box:80904

City:SEATTLE

State:WA

ZIP:98108-3317

Country:US

Phone:206-762-1500

CAGE:3Z323

Company Name:GLOBAL COMMERCE CORP.

Address:28727 PACIFIC HWY S SUITE 101

Box:City:FEDERAL WAY

State:WA

ZIP:98003

Country:US

Phone:206-839-0595

CAGE:8J822

Company Name:INNOVATIVE TOOLING SYSTEMS

Box:UNKNOWN

CAGE:75781

Company Name:TURNER CO DIV OF CLEANWELD PRODUCTS CO

Address:821 PARK AVE

Box:6200

City:SYCAMORE

State:IL
ZIP:60178-2419
Country:US
Phone:815-895-4545
CAGE:61112
Company Name:TURNER-DIVISION OF COOPER TOOLS
Address:821 PARK AVENUE
City:SYCAMORE
State:IL
Country:US
Phone:815-895-4545
CAGE:96508

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Composition/Information on Ingredients
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Ingred Name:PROPYLENE (PROPENE) (SARA 313)
CAS:115-07-1
RTECS #:UC6740000
Fraction by Wt: 97%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Fraction by Wt: 3%
Other
REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9596

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPOSURE TO 1000PPM FOR 8 HOURS PER
DAY, 5 DAYS A WEEK FOR APPROXIMATELY TWO WEEKS PRODUCES NO ABNORMAL
REACTIONS, INCLUDING CARDIAC, PULMONARY AND NEUROLOG
IV FUNCTIONS,
IN HUMANS. SIMPLE ASPHXIAN AND HAS ANESTHETIC ACTION IN HIGH
CONCENTRATIONS. LIQUIFIED GAS CAN CAUSE FROSTBITE WHEN TOUCHES
SKIN.
Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP
OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.
Effects of Overexposure:SIMPLE ASPHXIAN, ANESTHETIC RESPONSES,
FROSTBITE TO CONTACTED TISSUE.
Medical Cond Aggravated by Exposure:RESPIRATORY PROBLEMS.

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First Aid Measures
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First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATERFOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: SEEK IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:CC
Flash Point:-162F,-108C
Lower Limits:
2.0
Upper Limits:11.1
Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:HIGHLY FLAMMABLE VAPORS WHICH ARE HEAVIER THAN AIR MAY ACCUMULATE IN LOW AREEAS AND/OR SPREAD ALONG GROUND AWAY FROM HANDLING AREA.

===== Accidental Release Measures =====

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Spill Release Procedures:EVACUATE AREA OF ALL UNNECESSARY PERSONNEL. REMOVE ALL SOURCES OF IGNITION. VENTILATE TO REMOVE FUMES. FLUSH SPILLS WITH WATER--RUNOFF TO SEWERS MAY CAUSE FIRE OR EXPLOSION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE OVER 120F OR IN DIRECT SUNLIGHT. STORE AWAY FROM IGNITION SOURCES IN WELL VENTILATED AREA. DO NOT STORE IN LIVING AREA.
Other Precautions:POCKETS OF GASE HEAVIER THAN AIR MAY ACCUMULATE IN LOW AREAS AND/OR SPREAD ALONG THE GROUND AWAY FROM HANDLING SITE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT GENERALLY REQUIRED. WHEN NECESSARY, USE NIOSH/ MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.
Ventilation:NATURAL VENTILATION WITH EXPLOSION PROOF COMPONENTS.
Protective Gloves:STANDARD WORK GLOVES
Eye Protection:CHEMICAL GOGGLES
Other Protecti

ve Equipment:WHEN SOLDERING, BRAZING OR CUTTING USE
GOGGLES WITH ANSI Z37 #4 OR #5 LENSES
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

HCC:G2
Boiling Pt:=-47.8C, -54.F
B.P. Text:-54F,-48C
Vapor Pres:151 PSIA
Vapor Density:1.48
Spec Gravity:0.514, LIQUID
Solubility in Water:44.6 ML GAS/100 ML

Appearance and Odor:COLORLESS GAS, TYPICAL OLEFIN ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
CHLORINE AND OTHER STRONG OXIDIZERS
Stability Condition to Avoid:CYLINDER TEMPERATURES ABOVE 120F, SPARKS,
OPEN FLAMES, OTHER FORMS OF IGNITION.
Hazardous Decomposition Products:CARBON OXIDES

===== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUND
ING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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