

# MSDS

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: <b>MAXI-CUT II (Bulk)</b>		REVISION DATE: MAY 16, 2000		
Section 1				
Manufactured For: DYNACCO, INC.: 17461 147TH ST S.E. Monroe, WA 98272		Emergency Telephone Number CHEM-TEL (800) 255-3924 Telephone Number for Information (360) 794-8974		
HMIS CODES	H-2*	F-1	R-0	P-J

### SECTION IIA - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CAS NUMBER DESCRIPTION	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP
		OSHA PEL **	ACGIH TLV	OTHER	

\*\*PELs represent lowered 1989 limits and may not be enforceable by Federal OSHA.

### SECTION IIB - OTHER REGULATORY INFORMATION

CAS NUMBER DESCRIPTION	CARCINOGEN	SARA TITLE III		CALIFORNIA
	NTP IARC OSHA	302	313	P65 I II

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 314 to 314 DEG F. WT/GAL: 7.32  
 VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN  
 CALCULATED V.O.C.: .00LB/GL( 1GR/LT) (n-Butyl acetate=MEDIAN)  
 SOLUBILITY IN WATER: NON-SOLUBLE  
 APPEARANCE AND ODOR: RED LIQUID, PETEOLEUM ODOR

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA FLAMMABILITY CLASS: Combustible Liquid -- Class IIIB

FLASH POINT: 302 DEG F. METHOD USED: P-MARTEN  
 FLAMMABLE LIMITS IN AIR BY VOLUME: - LOWER: 1.0% UPPER: 6.0%

EXTINGUISHING MEDIA:  
 FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES: Evacuate all unnecessary personnel. Use full protective equipment, including self-contained breathing apparatus. Use water spray, preferably fog, to cool closed containers to prevent pressure build-up and possible explosion. Direct water stream is not recommended for oil base fires. Product may float and reignite on surface of water. Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dangerous air-vapor mixtures may form and ignite when exposed to sparks or flames from pilot lights, stoves, heaters, electric motors, static discharge or other sources of ignition. Vapors are heavier than air and may travel along the ground to distant locations. Free falling streams of liquid may cause static electricity build-up and create fire hazard.

## ----- SECTION V - REACTIVITY DATA -----

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Acid fumes, Aldehyde, Sulfur oxides,

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents, Acids, Heating above 200 C, Bases,

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: High temperature and humidity, Ignition source, vapor build-up.

## ----- SECTION VI - HEALTH HAZARD DATA -----

PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin contact.

ACUTE EFFECTS FROM SHORT TERM EXPOSURE:

INHALATION: Vapors and mists may irritate nose, throat and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Exposure to extremely high vapor concentrations may cause unconsciousness and asphyxiation. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

EYES: Contact with liquid or vapors causes irritation (redness, watering, itching, stinging, blurred vision).

SKIN: Contact may cause irritation (dryness, itching, rash) especially with prolonged or repeated exposure.

SKIN ABSORPTION: None known.

SWALLOWING: Causes nausea, vomiting and diarrhea.

OTHER: N/A

CARCINOGEN DATA: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory tract irritation; nausea; skin and eye disorders; sensitization to chemical substances.

## ----- SECTION VII - EMERGENCY AND FIRST AID PROCEDURES -----

SWALLOWING: If person is conscious, give 1/2 glass milk or water. DO NOT induce vomiting. Call Poison Center, Emergency Room or Physician immediately. Note: Aspiration of solvents may result in chemical pneumonia.

INHALATION: Remove from exposure to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get medical attention immediately.

EYE: Immediately flush with plenty of water for 15 minutes, while lifting upper and lower eyelids. Get medical attention.

SKIN: Immediately remove by wiping, followed by waterless hand cleaner and plenty of soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.

OTHER: Have Material Safety Data Sheet available, if possible, when calling Poison Center, Emergency Room or Physician.

## ----- SECTION VIII - PERSONAL PROTECTION -----

**RESPIRATORY PROTECTION:** Use NIOSH approved cartridge respirator to keep vapor/mist levels of hazardous ingredients (listed in Section II) below the occupational exposure limits (PEL & TLV). If exposure levels are unknown, or limits exceeded, use full facepiece air-purifying cartridge respirator for organic vapors and mists. Use filters to avoid breathing spray particles or sanding dusts. Follow respirator manufacturer's instructions for use.

**VENTILATION:** Provide general mechanical ventilation or local exhaust to keep vapor concentrations below the PEL's and TLV's in Section II and Lower Flammable Limits in Section IV.

**HAND PROTECTION:** Wear impermeable gloves to prevent skin contact. Consult safety equipment supplier for specific recommendation of construction material.

**EYE PROTECTION:** Wear safety glasses, with side shields, designed to protect eyes against liquid splash and mists. Note: Contact lenses may contribute to the severity of an eye injury and should not be worn when working with chemicals.

**OTHER PROTECTIVE EQUIPMENT:** When necessary, wear protective clothing, including headcap, to avoid skin contact with liquid or overspray.

**WORK/HYGIENIC PRACTICES:** Eye washes and safety showers are recommended in the workplace. Wash hands after using and before eating, drinking or using tobacco products. Thoroughly clean contaminated clothing and shoes before reuse. Periodically monitor exposure levels to hazardous ingredients listed in Section II and review permissible limits.

\*\*\*\*\* SECTION IX - SPILL OR LEAK PROCEDURES \*\*\*\*\*

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Eliminate ignition sources and ventilate area. Evacuate all unnecessary personnel. Wear full protective equipment. Dike drains to prevent entering storm or sanitary sewers, lakes, rivers, streams, or waterways. Contain spill and cover with inert absorbent material. Take up using non-sparking tools (aluminum, brass, or copper) and place mixture into containers for disposal. Note: Some spills or releases may require special reporting to local, state, or federal agencies.

**WASTE DISPOSAL:** Waste material and empty containers must be disposed of in accordance with all local, state and federal environmental control regulations. Use only approved waste management facilities.

\*\*\*\*\* SECTION X - SPECIAL PRECAUTIONS \*\*\*\*\*

**HANDLING PRECAUTIONS:** Keep liquid and vapors away from heat, sparks, and flame. Turn off or remove all sources of ignition. Use proper methods of ventilation to prevent vapor build-up. Avoid contact with hot metal surfaces. Avoid free fall of liquids in excess of a few inches. Ground fixed equipment. Bond and ground pails, drums and other transfer containers and equipment. Avoid breathing vapors and spray mists. Avoid contact with eyes and skin. Do not take internally. Use adequate methods of ventilation, respiratory and personal protection equipment. Do not reuse, weld, drill or heat empty containers which may contain explosive vapors. Follow label warnings until thoroughly cleaned or sent for disposal.

**SHIPPING AND STORAGE PRECAUTIONS:** Keep containers closed when not in use and during transit. Do not store above 120 degrees F. Keep in upright position and protect container from damage. Store in buildings or areas designed and protected for storage of products with this flammability rating. Keep out of reach of children.

**OTHER PRECAUTIONS:** For industrial use only.

\*\*\*\*\* SECTION XI - DISCLAIMER \*\*\*\*\*

**DISCLAIMER:** THE INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE. TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ALL INFORMATION IS ACCURATE AND IS PROVIDED IN GOOD FAITH. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED.