

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and Use)

FEDRON

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that

Section I

Manufacturer's Name

FEDERAL MINING & MFG.

Emergency Telephone Number CHEMTREC 24 HR.

(800) 424-9300 OUTSIDE U.S. (202) 483-7816

Address (Number, Street, City, State, and ZIP Code)

288 12th Ave.

Telephone Number for Information

(800) 526-4063 In NJ (908) 241-9355

Roselle, N.J. 07203

Date Prepared

March 1, 1987

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
XYLOL CAS# 1330-20-7	100	100		40-50
ETHYL ACETATE CAS# 141-78-6	400	400		5-10
METHANOL CAS# 67-56-1	200	200		1-3
ETHANOL CAS# 64-17-5	1000	1000		40-50
4-METHYL-2-PENTANONE CAS# 108-10-1	100	50		1-5

HAZARDOUS MATERIALS IDENTIFICATION RATING SYSTEM

HEALTH 2 FLAMMABILITY 3

REACTIVITY 0 PERSONAL PROTECTION A

* HAZARDOUS DECOMPOSITION OR BYPRODUCTS -- NONE

* OZONE DEPLETING SUBSTANCES -- NONE

Section III - Physical/Chemical Characteristics

Boiling Point	170° F	Specific Gravity (H ₂ O = 1)	0.84
Vapor Pressure (mm Hg)	40	Freezing Point	-184° F
Vapor Density (AIR = 1)	0.0623	Evaporation Rate (Butyl Acetate = 1)	2.0
Solubility in Water	0.02%		

Appearance and Odor

CLEAR, COLORLESS LIQUID -- SLIGHT OOR

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
39° F closed cup/ 52° F open cup		2	9
Extinguishing Media	DRY CHEMICAL, CO ₂ or FOAM		
Special Fire Fighting Procedures	NONE		

Unusual Fire and Explosion Hazards

NONE

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid SOURCES OF IGNITION
	Stable	XX	

Incompatibility (Materials to Avoid) **PAINTED SURFACES**

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid NONE
	Will Not Occur	XX	

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? YES Skin? YES (Methanol only) Ingestion? YES

Health Hazards (Acute and Chronic)

SKIN: Irritation upon prolonged contact. EYES: Irritation

INHALATION: Light headedness, nausea or headache

INGESTION: Nausea, vomiting, gastrointestinal irritation

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure

SKIN: Irritation, EYES: Irritation,

Light headedness, nausea, headache, vomiting, gastrointestinal irritation

Medical Conditions

Generally Aggravated by Exposure **NONE KNOWN**

Emergency and First Aid Procedures

SKIN: Wash with soap and water EYES: Flush with water, call physician

INHALATION: Remove to fresh air, call physician INGESTION: DO NOT INDUCE

VOMITING, CALL PHYSICIAN

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

AVOID SOURCES OF IGNITION, VENTILATE AREA, CLEAN UP SPILL USING ABSORBANT MATERIAL.

Waste Disposal Method

Incineration in accordance with appl. regulations.

Precautions to Be Taken in Handling and Storing

KEEP IN A CLOSED CONTAINER IN A COOL PLACE,

AVOID SOURCES OF IGNITION

Other Precautions

NONE

Section VIII - Control Measures

Respiratory Protection (Specify Type) **NONE**

Ventilation	Local Exhaust	YES	Special	----
	Mechanical (General)	EXPLOSION PROOF	Other	----

Protective Gloves If used - Chemical Resistant Eye Protection Safety glasses or goggles w/side shield

Other Protective Clothing or Equipment **NONE**

Work/Hygiene Practices

AVOID PROLONGED OR REPEATED CONTACT WITH SKIN, USE IN A VENTILATED AREA