

MATERIAL SAFETY DATA SHEET

ABC

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Section 1 - IDENTIFICATION

Product Name: **#248 - Citrus Degreaser**

Section 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

(Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1200)

(OSHA & ACGIH EXPOSURE LIMITS, PPM - TWA 8)

<u>% By Wgt.</u>	<u>Material</u>	<u>PEL</u>	<u>T.L.V.</u>	<u>C.A.S. No.</u>
10-15	Diethylene Glycol Monobutyl Ether*	50 (OSHA-SKIN)	20 (ACGIH-SKIN)	112-34-5
0-5	Ethalenediaminetetraacetic Acid	NE	NE	Mixture
0-5	Citrus Terpenes	NE	NE	5989-27-5

The balance of ingredients are not considered to be hazardous within the meaning of OSHA Hazard Communication Standard.

ITEMS MARKED * ARE SARA TITLE III SEC 312/313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.

Hazard Rating: Health: 1, Flammability: 0, Reactivity: 0

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	No Data
SPECIFIC GRAVITY	.90
EVAPORATION RATE (Water =1)	1
SOLUBILITY IN WATER	Emulsifies
APPEARANCE AND ODOR	Orange Liquid, Orange Odor
pH	N/A

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (TCC): N/E

FLAMMABLE LIMITS - N/E (LEL: N/A UEL: N/A)

EXTINGUISHING MEDIA - Water or suitable material for primary source of fire

SPECIAL FIRE FIGHTING PROCEDURES - None UNUSUAL FIRE AND EXPLOSION HAZARD - None known

SECTION 5 - REACTIVITY DATA

STABILITY - Stable CONDITIONS TO AVOID - Excessive heat and contamination of any kind.

INCOMPATIBILITY (MATERIALS TO AVOID) - Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - Carbon monoxide possible if burned.

HAZARDOUS POLYMERIZATION - Will not occur CONDITIONS TO AVOID - None

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: EYES (X) SKIN (X) INGESTION (X) INHALATION (X)

PRECAUTIONARY STATEMENTS - KEEP OUT OF REACH OF CHILDREN. Do not get in eyes, on skin or on clothing. Vapors may be irritating to nose, throat and lungs. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

HEALTH HAZARDS (ACUTE AND CHRONIC):

ACUTE: Causes eye and skin irritation. CHRONIC: None known based on OSHA Criteria

CARCINOGENICITY; NTP, IARC MONOGRAPHS, OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE- None known.

EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: Flush with plenty of water for at least 15 minutes. Get medical attention. IF ON SKIN: Wash with plenty of water. Remove contaminated clothing. Get medical attention if irritation occurs. IF SWALLOWED: Do not induce vomiting. Drink a large quantity of water. Get immediate medical attention. INHALATION: Get to fresh air. Seek medical attention if irritation persists.

SECTION 7 - STORAGE AND DISPOSAL

PRECAUTIONS FOR SAFE HANDLING AND STORAGE: Keep out of reach of children. Keep container closed during storage. Store in a cool, dry place. For industrial and commercial use only.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED - Absorb spilled material and sweep up.

WASTE DISPOSAL METHOD - Any method in accordance with applicable laws.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION - Not required with normal usage.

VENTILATION - Good general ventilation should be sufficient for most conditions.

PROTECTIVE GLOVES - Solvent Proof

EYE PROTECTION - Chemical anti-splash safety goggles.

N/A = Not Applicable N/E = Not Established

Prepared By: Cindy Schroeder, Director of Research