

Product name: Compac 300
Product ID # 58

Section I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address

NAP Chemical
 821 S. Chestnut
 Pasco, Wa. 99301

Emergency Telephone Number: (509) 547-8234
 Number For Information: (509) 547-8234
 Date Prepared: January 10, 1992

Section II HAZARDOUS INGREDIENTS

MATERIAL COMPONENT	%	EXPOSURE LIMITS IN AIR		HAZARD DATA
		AGGIH TLV	OSHA PEL	
Zinc Sulfate* (Cas No. 7733-02-0)	5.2	N/A	N/A	Health
Ferrous Sulfate (CAS No. 7720-78-7)	0.5	1mg/m31(TWA)	1mg/m31(TWA)	Health
Manganese Sulfate* (CAS No. 7785-87-7)	1.0	5mg/m32 (C) 3	5mg/m32 (C)	Health
Copper Sulfate (CAS No. 7758-99-8)	2.0	1mg/m3	1mg/m3	Health

SURFACTANT COMPONENT

Linear Alcohol Ethoxylate (CAS No. 68131-39-5)	2.5
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* Toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Re authorization Act of 1986 and 40 CFR Part 372.

(1) As Fe (2) As Mn (3) Ceiling

Section III PHYSICAL DATA

Boiling Point, 760 MM HG	100° c	MELTING POINT	N/A
Specific Gravity(H2O = 1)	1.33	VAPOR PRESSURE	NOT KNOWN
Vapor Density(AIR = 1)	NOT KNOWN	SOLUBILITY IN H2O,% BY WT.	Approx. 98%
Volatiles by Vol.	NOT KNOWN	EVAPORATION RATE (BUTYLACETATE = 1)	NOT KNOWN
Appearance and Order	Dark Green Liquid		

Section IV FIRE AND EXPLOSION DATA

FLASH POINT (Test Method)	N/A	AUTO IGNITION TEMPERATURE	N/A
FLAMMABLE LIMITS IN AIR, % BY VOL:		LOWER	N/A
EXTINGUISHING MEDIA	N/A	UPPER	N/A
SPECIAL FIRE FIGHTING PROCEDURES	N/A		
UNUSUAL FIRE AND EXPLOSION HAZARD	N/A		

Section V HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE

INHALATION:May cause respiratory tract irritation, nausea, vomiting, weakness, fever, chills and loss of appetite. Chronic exposure may cause pneumonia, liver damage and neuralgic damage.

SKIN CONTACT: May cause skin irritation.

SKIN ABSORPTION:None known.

EYE CONTACT: May cause eye irritation .

INGESTION: Ingestion may result in nausea, vomiting, diarrhea, blood in vomitus and stools, burning pain in mouth and throat, abdominal pain, lethargy, confusion, edema, leukocytosis, hyperglycemia, acidosis, shock, liver and kidney damage, and other gastrointestinal and neuralgic symptoms and damage. Ingestion by a child of more than 60ml. (2 oz) or by an adult of more than 150 ml. (5 oz.) may be fatal.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with water for 15 minutes, lifting eyelids to flush thoroughly.

INHALATION: Remove to fresh air. If breathing is difficult, contact a physician.

Compac 300 #58

INGESTION: Drink large quantities of water or milk. Follow with milk of magnesia, beaten eggs or vegetable oil. Do not induce vomiting. Contact a physician.

SUSPECTED CANCER AGENT?

___NO: This product's ingredients are not found in the lists below.

___YES: ___Federal OSHA ___NTP ___IARC ___Cal / OSHA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Hemochromatosis.

NOTES TO A PHYSICIAN: Contains citric acid (6.8%); pH 1.7. Ingestion of more than 0.5 ml. of product per kg. of body weight may result in iron toxicity.

Section VI REACTIVITY DATA

STABILITY ___STABLE ___UNSTABLE

INCOMPATIBILITY(material to avoid) Avoid contact with strong alkaline materials such as caustic potash (potassium hydroxide) and caustic soda(sodium hydroxide). Mildly corrosive to common metals.

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Oxides of sulfur and zinc.

HAZARDOUS POLYMERIZATION: N/A

Section VII SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Neutralize with dilute alkaline solution and wash down sewer if federal, state and local regulations permit.

NEUTRALIZING CHEMICALS: Baking soda (sodium bicarbonate), soda, ash or lime.

WASTE AND DISPOSAL METHOD: Following all applicable federal, state and local regulations.

Section VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: Use general or local exhaust ventilation to meet TLV requirements.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: None required where appropriate ventilation conditions exist. If the TLV is exceeded, a self-contained breathing apparatus.

EYE: Safety goggles.

GLOVES: Acid-resistant gloves such as rubber or neoprene.

OTHER CLOTHING

AND EQUIPMENT: Coats, coveralls or aprons are recommended.

Section IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: Avoid contact with skin, eyes or clothing. Do not ingest . Avoid inhalation of mists.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep lid tightly closed. Store in a dry area, above freezing and below 105°, out of direct sunlight and away from strong alkalis. Keep out of reach of children.

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DATE: January 10, 1992

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