

****Material Safety Data Sheet****
Emergency Phone # : 1-800-424-9300
Information Phone # : (715) 723-4915

High Sierra Chemical
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Chippewa Falls, WI 54729

Latest Revision Date...01/16/04
Print Date.....01/16/04

SIERRA

SECTION 1 PRODUCT IDENTIFICATION

Product Name or Number..... Sierra
Trade Name or Chemical Name..... Sierra
Synonyms..... N/A
Formula..... Proprietary
Chemical Family..... Alkali Detergent
Molecular Weight..... N/A
NFPA..... See Section 8
HMIS Rating..... See Section 8

SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

Chemical Name(s)	CAS #	% WT	TLV-ACGIH	PEL-OSHA	SEC.313	NTP	IARC	PROP.65
Ethylene Glycol Monobutylether	111-76-2	<5.0	25 ppm	50 ppm	Yes	No	No	No

SECTION 3 REGULATORY DATA

NTP..... National Toxicology Program
IARC..... International Agency For Research on Cancer
This product does not contain ingredients on the list of
Proposition 65.
Proposition 65..... State of California safe drinking water and toxic enforcement act
of 1986
Section 313 Sara Title III..... The chemical(s) marked with a “yes” on section 313 are subject
to the reporting requirements of this section

SECTION 4 PHYSICAL DATA

Boiling/Melting Point..... >212 °F
pH..... >10.0
Percent Volatile by Weight (%)..... 90%
Specific Gravity or Bulk Density..... 1.06
Solubility in Water..... Soluble
Appearance..... Clear Liquid
Odor..... Mild sweet odor

SECTION 5 FIRE AND EXPLOSION HAZARD DATA

Flash Point ° F (Test Method).....	N/A
Autoignition Temperature.....	N/A
Flammability Limits in Air (% V).....	Not determined
Extinguishing Media.....	Water, carbon dioxide, foam, dry chemical
Special Fire Fighting Procedures.....	Wear self-contained breathing apparatus and full protective equipment
Unusual Fire and Explosion Hazards...	Extinguish ass nearby sources of ignition

SECTION 6 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE

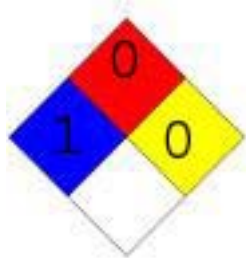
Threshold Limit Value.....	See Section 2
SIGNS OF OVEREXPOSURE:	
Eyes.....	Direct contact with concentrated product may cause moderate irritation and tearing
Skin.....	Repeated or prolonged contact may cause irritation or drying.
Inhalation.....	Breathing dust or mist may irritate the nose and throat.
Ingestion.....	Swallowing large quantities may cause nausea, vomiting, diarrhea, and abdominal pain.
Chronic.....	None known

SECTION 7 EMERGENCY AND FIRST AID PROCEDURES

Inhalation.....	Move victim to fresh air. If breathing is difficult, obtain medical help.
Eye Contact.....	Flush eyes with large quantities of water for at least 15 minutes. Contact a physician if irritation persists.
Skin Contact.....	Wash affected skin areas with water. Consult a physician if irritation persists.
Ingestion.....	Never give anything by mouth to an unconscious person. Do not induce vomiting. Give large quantities of water. Get medical attention immediately.

SECTION 8 HMIS RATING SYSTEM

NFPA



HMIS RATING

Health Hazard.....	1
Fire Hazard.....	0
Reactivity.....	0
Personal Protection.....	See Section 10

SECTION 9**REACTIVITY DATA**

Product Stability.....	Stable
Conditions to Avoid.....	
Chemical Incompatibility.....	Strong acids, acid vapor. Burning may produce carbon monoxide, carbon dioxide.
Hazardous Decomposition Products.....	None
Hazardous Polymerization.....	Will not occur
Conditions to Avoid.....	Extreme heat, spark, or open flames
Corrosive to Metal.....	No
Oxidizer.....	No

SECTION 10**SPECIAL PROTECTION INFORMATION**

Respiratory Protection.....	Not needed
Ventilation.....	Local exhaust needed
Protective Clothing.....	Safety glasses, neoprene or rubber gloves

SECTION 11**ENVIRONMENTAL DATA**

Environmental Toxicity Data.....	None known
Spill or Leak Procedures.....	Contain, collect, and dispose per local, state, and federal regulations.
Waste Disposal Method.....	Per local, state, and federal regulations.
Container Disposal.....	Per local, state, and federal regulations.

SECTION 12**SHIPPING DATA**

D.O.T. Proper Shipping Name.....	None
Hazardous Substance 49CFR cercla.....	Not regulated
D.O.T. Hazard Class.....	None
D.O.T. Labels Required.....	None
D.O.T. Placards Required.....	None
Poison Constituent.....	None
Bill of Lading Description.....	Sierra
Packing Group.....	None
UN/NA Code.....	Non-hazardous

SECTION 13**SUPPLIER INFORMATION**

While High Sierra Chemical believes the statements set forth herein are accurate as of the date hereof, High Sierra Chemical makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation, and verification.