



**BJ SERVICES COMPANY**  
**MATERIAL SAFETY DATA SHEET**

Region  
USA

**SECTION I - GENERAL INFORMATION**

PRODUCT NAME: **NE-118**  
 ITEM NUMBER: 488001, 423729  
 CHEMICAL DESCRIPTION: Proprietary blend of surfactants  
 PRODUCT USE: Non emulsifying agent  
 SUPPLIER: BJ Services Company  
 ADDRESS: 11211 FM 2920  
 Tomball, TX 77375  
**EMERGENCY TELEPHONE NUMBER (800)424-9300 for CHEMTREC**  
**(202)483-7616 Alaska and International**  
 PREPARED BY: BJ Services Environmental Group  
 (281)351-8131  
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**HMSI HAZARD INDEX**

HEALTH: 2  
 FLAMMABILITY: 3  
 REACTIVITY: 0  
 PERSONAL PROTECTION: g

**SECTION II - HAZARDOUS COMPONENTS**

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
Aromatic hydrocarbon solvent	64742-94-5	< 35	Irritant, combustible
Xylene	1330-20-7	< 5	Flammable, irritant
Isopropyl alcohol	67-63-0	< 65	Flammable, irritant
Naphthalene	91-20-3	< 5	Flammable

**SECTION III - FIRE AND EXPLOSION HAZARD DATA**

FLASHPOINT (METHOD): 52°F (TCC)  
 UPPER EXPLOSION LIMIT(% BY VOL): N.E.  
 LOWER EXPLOSION LIMIT(% BY VOL): N.E.  
 AUTO-IGNITION TEMPERATURE: N.E.  
 EXTINGUISHING MEDIA: Foam, dry chemical, CO2, water fog or spray  
 SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment, including NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed containers with water spray. Do not inject a solid stream of water or foam into hot, burning pools; this may cause splattering and increase fire intensity. Avoid vapors.  
 EXPLOSION DATA: This material is volatile and readily gives off vapors that may travel along the ground or be moved by ventilation

and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Containers may explode from internal pressure if confined to fire.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition or combustion may produce smoke, carbon monoxide and carbon dioxide.

## **SECTION IV - HEALTH HAZARD DATA**

PRIMARY ROUTES OF ENTRY: Inhalation, eye, skin, ingestion

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT: Prolonged or repeated exposure can cause redness, irritation and scaling of the skin (dermatitis).

SKIN ABSORPTION: Not expected to be absorbed through the skin under normal conditions.

EYE CONTACT: Causes irritation and intense stinging and burning. If not promptly removed, can cause corneal inflammation and permanent damage.

INHALATION: Can cause irritation to upper respiratory tract, nausea, headache, narcosis, lightheadedness, dizziness or unconsciousness.

INGESTION: May be irritating to the gastrointestinal tract and cause nausea, vomiting, bleeding, central nervous system depression, hemolysis and pulmonary damage. Can be fatal.

CHRONIC OVEREXPOSURE EFFECTS: Naphthalene is found in this product as a contaminant of the solvent system.. Overexposure to high concentrations of naphthalene vapors may cause liver and kidney damage. Xylene is a component of this product. Xylene has been found to be a mild irritant and more significantly, a liver and kidney toxicant.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Aromatic hydrocarbon solvent	N.E.	N.E.
Xylene	150 ppm STEL	100 ppm TWA
Isopropyl alcohol	500 ppm STEL	400 ppm TWA
Naphthalene	15 ppm STEL	10 ppm TWA

CARCINOGENICITY, REPRODUCTIVE EFFECTS:

Product results from a reaction involving ethylene oxide and propylene oxide and may contain residue amounts. Both substances are listed as "Probable human carcinogens by IARC and "Anticipated Carcinogen" by NTP.

TERATOGENICITY, MUTAGENICITY:

No effects listed.

TOXICITY STUDIES:

LD(50) N.E.  
LC(50) N.E.

### **SECTION V - FIRST AID PROCEDURES**

FOR EYES: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, contact a physician.

FOR SKIN: Remove all contaminated clothing, flush skin with water for 10 minutes. Afterwards wash the affected area with soap and water and then rinse.

FOR INHALATION: Remove to fresh air. If breathing is labored, give oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

FOR INGESTION: Call a physician immediately. Give victim a glass of water. Do not induce vomiting unless instructed by a physician or poison control center. Never give anything by mouth to an unconscious person.

### **SECTION VI - PHYSICAL DATA**

APPEARANCE AND ODOR: Clear yellow liquid with alcoholic odor.

SPECIFIC GRAVITY: 0.857

VAPOR PRESSURE: N.E.

VAPOR DENSITY (air=1): N.E.

EVAPORATION RATE: N.E.

BOILING POINT: 180°F @ 760 mm Hg

FREEZING POINT: N.E.

SOLUBILITY IN H2O: Dispersible

pH: 8 - 11 @ 5%

### **SECTION VII - REACTIVITY DATA**

CHEMICAL STABILITY: Stable

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents, strong alkalis, and strong mineral acids.

HAZARDOUS POLYMERIZATION: Does not polymerize

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, smoke

### **SECTION VIII - SPECIAL/PERSONAL PROTECTION**

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space. Where engineering controls are not feasible, assure use in an area where there is natural air movement.

RESPIRATORY PROTECTION: If workplace exposure limit(s) of product or any component is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control.

PROTECTIVE GLOVES: Neoprene, nitrile, polyvinyl alcohol (PVA), polyvinyl chloride (PVC)

EYE PROTECTION: Chemical splash goggles

OTHER PROTECTIVE EQUIPMENT: Eyewash bottles or other rinsing equipment should be easily

accessible.

## **SECTION IX - HANDLING PRECAUTIONS**

LEAK AND SPILL PROCEDURES: Shut off source of spill if possible to do so without hazard. Contain the spill by diking. Absorb spillage with clay, sawdust, or other absorbent material. Place all spilled material, contaminated dirt, and other contaminated materials in DOT approved drums for disposal.

WASTE DISPOSAL: If this product becomes a waste it meets the requirements of a RCRA hazardous waste with the waste code D001. Always dispose of according to local/state/federal regulations.

HANDLING & SPECIAL EQUIPMENT: Avoid contact with eyes, skin or clothing. Avoid breathing vapors or mists. Keep away from heat, sparks, and open flames and never use a cutting torch on or near container (even empty) or explosion may result. Vapors may travel to areas away from the work site and ignite.

STORAGE REQUIREMENTS: Store in well-ventilated, cool, dry area away from oxidizers, heat, sparks, and open flame.

## **SECTION X - REGULATORY INFORMATION**

### **SHIPPING INFORMATION**

PROPER SHIPPING NAME: Flammable liquids, n.o.s. (contains isopropyl alcohol, xylene, naphthalene)

HAZARD CLASS: 3

UN/NA NUMBER: UN 1993

PACKING GROUP W/ "PG": PGII

SUBSIDIARY RISK: N.A.

REPORTABLE QUANTITY (RQ): N.A. for drums  
RQ is applicable for > 280 gal.

EMERGENCY RESPONSE GUIDE #: 128

### **ENVIRONMENTAL INFORMATION**

#### **SARA TITLE III**

SECTION 302/304 This product does not contain ingredients listed as an Extremely Hazardous Substance.

SECTION 311/312 Immediate, Delayed, Fire

SECTION 313 This product contains the following ingredients (at a level of 1% or greater) on the List of Toxic Chemicals:  
Xylene CAS# 1330-20-7 <5%  
Naphthalene CAS# 91-20-3 <5%

#### **OTHER REGULATORY INFORMATION**

TSCA INVENTORY: All of the components in this appear on the TSCA inventory.

CALIFORNIA PROP 65: Chemicals on the current Proposition 65 list may be present in residual amounts.  
Propylene oxide  
Ethylene oxide

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

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