



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region
USA

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Superset W**
Item Number: 423600, 499738, 499739
Product Use: Activator.
Supplier: BJ Services Company
11211 FM 2920
Tomball, Texas 77375
(281)351-8131

**IN CASE OF EMERGENCY CALL: (800) 424-9300 for
CHEMTREC
(703) 527-3887 for
International**

HMIS HAZARD INDEX

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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	Percent	Hazard
Methanol	000067-56-1	40-60	Flammable toxic
Nonyl phenyl polyethylene glycol ether	009016-45-9	40-60	Irritant

3 HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE: Inhalation. Ingestion. Eye contact. Skin contact. Skin absorption.

ACUTE OVEREXPOSURE EFFECTS:

INHALATION: Inhalation of solution vapor or mist may cause respiratory tract irritation. May cause headache, dizziness, nausea and incoordination. May cause visual disturbances.

INGESTION: Harmful if swallowed. May cause nausea, dizziness or loss of coordination. May cause visual impairments, ocular damage and possibly blindness if not treated medically.

EYE CONTACT: Vapors are irritating to eyes. Contact with solution may cause moderate to severe eye irritation.

SKIN CONTACT: May cause skin irritation. May be absorbed through the skin and contribute to the symptoms listed under ingestion.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	LC50 (inhalation)	LD50 (oral)
Methanol	200 ppm, skin	200 ppm TWA	64000 ppm/4 rat	5600 mg/kg rat

Nonyl phenyl polyethylene glycol ether	NA	NA	NA	NA
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4 FIRST AID MEASURES

INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Only trained personnel should administer oxygen. Get medical attention.

INGESTION:

Rinse mouth with water several times. Give victim plenty of water. Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.

EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

SKIN:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

5 FIRE FIGHTING MEASURES

FLASHPOINT (METHOD):	58°F (TCC)
LOWER EXPLOSION LIMIT (% v/v):	6 (methanol)
UPPER EXPLOSION LIMIT (% v/v):	36.5 (methanol)
AUTO-IGNITION TEMPERATURE:	Not available

SPECIAL HAZARDS:

May form flammable vapour-air mixture. This product or a component there of can flow along surfaces to reach a distant ignition source and flash back. Methanol burns with a clear, light blue, almost invisible flame.

EXTINGUISHING MEDIA:

Water fog, carbon dioxide, foam, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. As methanol burns with an almost invisible flame, use caution when establishing fire boundaries. Cool exposed containers with water spray.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

6 ACCIDENTAL RELEASE MEASURES

Wear specified protective equipment. Remove sources of ignition. Small spills - Cover spill with absorbent material. Scoop absorbed material into a suitable container for disposal. Large spills - Dike to contain. Prevent from entering sewers or waterways. Recover product to suitable containers or vessel for reuse, if possible, or for disposal. Use only explosion proof transfer equipment.

7 HANDLING AND STORAGE

HANDLING:

Wear specified protective equipment. Use only in a well ventilated area. Use only spark-proof and explosion-proof tools and equipment. Wash hands before eating and smoking.

STORAGE REQUIREMENTS:

Keep in a cool, well ventilated place. Keep away from ignition sources. Keep away from heat. Keep away from incompatible materials. Emptied containers may retain hazardous properties.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC ENGINEERING CONTROLS:

Use only in a well ventilated area. Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT:

Chemical resistant goggles. Butyl rubber gloves. Viton gloves. Rubber apron. Rubber boots. Coveralls. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure (Cartridge respirator).

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	Colorless
ODOR:	Alcohol
ODOR THRESHOLD:	Not available
SPECIFIC GRAVITY:	0.91
VAPOR PRESSURE:	97 mmHg @ 68°F/20°C
VAPOR DENSITY (air = 1):	> 1
EVAPORATION RATE:	Not available
BOILING POINT:	147° F/64°C
FREEZING POINT:	< -31° F/< -35°C
pH:	Not available
VISCOSITY (F):	Not available
SOLUBILITY IN WATER:	Soluble

10 STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

INCOMPATIBILITY/CONDITIONS OF REACTIVITY:

Strong oxidizers.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon monoxide. Carbon dioxide. Formaldehyde.

HAZARDOUS POLYMERIZATION:

Will not occur.

11 TOXICOLOGICAL PROPERTIES

CHRONIC EFFECTS:

May cause central nervous system depression. Liver and kidney damage. Optic nerve damage. Dermatitis.

SENSITIZATION:

Not known.

CARCINOGENICITY:

None of the components of this product have been listed as carcinogenic by IARC, NTP or OSHA. (IARC- International Agency for Research on Cancer) (NTP - National Toxicology Program) (OSHA - Occupational Safety & Health Administration (US)).

MUTAGENICITY:

Not known.

REPRODUCTIVE TOXICITY:

This product contains methanol (40-60%) which has been reported to cause fetotoxicity and teratogenicity in rats and mice when they were exposed by inhalation to high concentrations that did not produce significant maternal toxicity.

12 ECOLOGICAL INFORMATION

No specific information available.

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Disposal should be made in accordance with national and local regulations. Consult local waste authorities for direction and/or approvals prior to disposal.

14 TRANSPORT INFORMATION

LAND TRANSPORT (DOT)

Proper Shipping Name: METHANOL
UN/ID No.: UN 1230
Hazard Class - Primary: 3
Hazard Class - Secondary: 6.1
Packing Group: II
Reportable Quantity (RQ): 5000 lbs (Methanol)
Emergency Response Guide #: 131

AIR TRANSPORT (ICAO/IATA)

Proper Shipping Name: METHANOL
UN/ID No.: UN 1230
Hazard Class - Primary: 3
Hazard Class - Secondary: 6.1
Packing Group: II

MARINE TRANSPORT (IMDG/IMO)

Proper Shipping Name: METHANOL
UN No.: UN 1230
Hazard Class - Primary: 3
Hazard Class - Secondary: 6.1
Packing Group: II
EmS: F-E, S-D

15 REGULATORY INFORMATION

SARA TITLE III:

SECTION 302/304 This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTION 311/312 Immediate, Delayed, Fire

SECTION 313 This product contains the following substance(s) which appear on the List of Toxic Chemicals:; Methanol CAS # 67-56-1

TSCA INVENTORY: The substances in this product are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710).

CALIFORNIA PROP 65: This product does not contain substances which require warning under California Proposition 65.

PRIORITY POLLUTANTS:

16 OTHER INFORMATION

ISSUE DATE: 11/14/2008

PREPARED BY: BJ Services Environmental Group

REFERENCES:

Supplier's Literature.

CCINFO Web Information Service, Canadian Centre for Occupational Health and Safety, 2006.

International Marine Dangerous Goods Code, 2002 Edition , International Maritime Organisation, 2002.

Dangerous Goods Regulations, 48th ed., International Air Transport Association, 2007.

TDG Clear Language Regulations, as published in the Canada Gazette Part II, August 2001.

Guide to Occupational Exposure Values - 2006, American Conference of Governmental Industrial Hygienists, 2006.

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.
