

MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: XS
Article Code:
Synonyms: No information available
Chemical characterisation: No data is available on the product itself.

Supplier:
 Worthington Compressor Services
 3200 Engineering Parkway
 Alpharetta, Georgia 30004
 Phone: (800) 892-6189
 Fax: (770) 521-9995

Emergency telephone number

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m ³):	OSHA (TWA mg/m ³):
Ethanol, 2-butoxy-	111-76-2	95 mg/m ³	240 mg/m ³
Triethanolamine Linear Alkylsulfonate		None	None

Note for Non-Hazardous Components Components not precisely identified above are non-hazardous as defined by applicable laws.

3. HAZARDS IDENTIFICATION

Properties affecting health: None.

Principle routes of exposure: Skin.

Skin contact: Substance does not generally irritate and is only mildly irritating to the skin. Immediate medical attention is not required.

Eye contact: Mild eye irritation.

Inhalation: Immediate medical attention is not required.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.

Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen.
Ingestion:	Do not induce vomiting without medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable

Extinguishing media which must not be used for safety reasons:

Not applicable.

Special protective equipment for firefighters:

Standard procedure for chemical fires

Specific hazards:	Not applicable.
Unusual hazards:	No hazards resulting from the material as supplied
Specific methods:	Not applicable..

Flash point:	Not applicable.
Autoignition temperature:	No information available

Flammability Limits in Air:

Lower	No information available
Upper	No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes. Use personal protective equipment.
Environmental precautions:	Do not flush into surface water.
Methods for cleaning up:	Wipe up with absorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Handling

Technical measures/precautions:	No special technical protective measures required.
Safe handling advice:	Prepare the working solution as given on the label(s) and/or the user instructions.

Storage

Technical measures/storage conditions:	Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible products:	No special restrictions on storage with other products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory protection:	Not required; except in case of aerosol formation.
Hand protection:	Nitrile rubber.
Skin and body protection:	Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection:
Hygiene measures:

Safety glasses
Avoid contact with skin, eyes and clothing.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild
Specific gravity:	1.05	Boiling point/range	212 (°F)
Evaporation rate:	1.5	Vapor density:	Not determined
Vapor pressure:	24 mm Hg	Solubility:	Soluble.

10. STABILITY AND REACTIVITY

Stability:	Stable
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	None reasonably foreseeable
Materials to avoid:	Acids.
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

12. ECOLOGICAL INFORMATION

Mobility: No information available.

Bioaccumulative potential: No information available.

Ecotoxicity effects: No data available.

Aquatic toxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.

Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT
Proper shipping name: Not Applicable

TDG (Canada)
Proper shipping name: Not Applicable

IMO / IMDG
Proper shipping name: Not Applicable

14. TRANSPORT INFORMATION

ICAO

Proper shipping name: Not Applicable

IATA

Proper shipping name: Not Applicable

15. REGULATORY INFORMATION

International Inventories

PICCS: This product complies with phil:

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

ENCS: This product does not comply with JPENCS

CHINA: This product complies with china:

AICS: All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

KECL: This product complies with korea:

EINECS/ELINCS This product complies with EINECS/ELINCS

U.S. Regulations:

Ethanol, 2-butoxy-

SARA 313 Threshold: Ethanol, 2-butoxy- (5 - 15%)

MARTK: Listed.

NJRTK: Substance no. 0275 Listed.

PARTK: Listed.

RIRTK: Listed.

ILRTK: Listed.

Sara (311, 312) hazard class:

Canada

WHMIS hazard class:

D2B Toxic materials

WHMIS graphic:



16. OTHER INFORMATION

NFPA Health: 1 Flammability: 1 Instability: 0

HMIG Health: 1 Flammability: 1 Reactivity: 0

NFPA symbol:



Reason for revision: Not applicable

Prepared by:

Health & Safety

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.