

SAFETY DATA SHEET**Flextra® XR-1400**

Version 1.1

Revision Date 01/06/2017

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Flextra® XR-1400
Product code : 100000005006

Manufacturer or supplier's details

Company : H.B. Fuller Company
Address : 1200 Willow Lake Boulevard
Vadnais Heights, MN 55110
Telephone : 1-888-423-8553

Medical Emergency Phone Number (24 Hours): 1-888-853-1758

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use


Recommended use : Polyol
Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance	liquid
Color	yellow
Odor	characteristic

GHS Classification

Acute toxicity (Oral) : Category 4

GHS label elementsHazard pictograms : 

Signal Word : Warning

Hazard Statements:

H302 Harmful if swallowed.

Precautionary Statements:**Prevention:** P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product.**Response:** P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.**Disposal:** P501 Dispose of contents/ container to an approved waste disposal plant.

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Potential Health Effects**Carcinogenicity:****IARC**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Additional Labeling:

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:
88.384 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Diethylene glycol	111-46-6	5 - 10

SECTION 4. FIRST AID MEASURES

- General advice : Show this material safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and water.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed : Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special protective equipment : Wear self-contained breathing apparatus for firefighting if

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for fire-fighters

necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.
- Methods and materials for containment and cleaning up : Scrape up.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Shovel into suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : No special precautions are needed in handling this material.
- Conditions for safe storage : Keep in a dry, cool place.
- Materials to avoid : No special restrictions on storage with other products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

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Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection
Material : Nitrile rubber
- Eye protection : Safety glasses

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Color : yellow
- Odor : characteristic
- Odor Threshold : No data available
- pH : Not applicable

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Melting point/freezing point	: not determined
Initial boiling point and boiling range	: not determined
Flash point	: Not applicable
Evaporation rate	: not determined
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit	: upper flammability limit Not applicable
Lower explosion limit	: lower flammability limit Not applicable
Vapor pressure	: not determined
Density	: 1.18 g/cm ³
Solubility(ies)	
Water solubility	: dispersible
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: not determined
Viscosity	
Viscosity, dynamic	: 2,400 mPa.s (25 °C)
Viscosity, kinematic	: not determined

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: Hazardous polymerization does not occur.
Hazardous decomposition products	: Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity	: Acute toxicity estimate : 904.95 mg/kg Method: Calculation method
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Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

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Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Mobility in soil**

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues

: To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

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SECTION 14. TRANSPORT INFORMATION**Special precautions for user**

Remarks : Not dangerous goods

Domestic regulation**International Regulations****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : Acute Health Hazard**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.**Clean Air Act**

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

Diethylene glycol

111-46-6

US State Regulations**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:**TSCA**

Not On TSCA Inventory

DSL

This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.

REACH

Not in compliance with the inventory

AICS

Not in compliance with the inventory

NZIoC

Not in compliance with the inventory

ENCS

Not in compliance with the inventory

KECI

Not in compliance with the inventory

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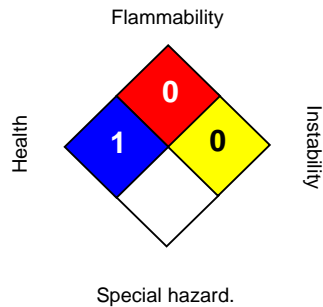
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PICCS Not in compliance with the inventory
IECSC Not in compliance with the inventory
TCSI Not in compliance with the inventory
Inventories Legend TSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Department - phone: 1-651-236-5842 - email: msds.request@hbfuller.com

Further information
NFPA:

HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

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