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Date(s): 18/05/11
Version 3

SAFETY DATA SHEET

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

Address/Telephone number Johnson Controls
5757 N. Green Bay Ave.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product description. Polyol ester

Hazardous Ingredients

Chemical name	EINECS Number	%	Symbol R-Phrases
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Contains no Hazardous Ingredients.

Not classified as hazardous according to criteria of WorkSafe Australia.

3. HAZARDS IDENTIFICATION

This health hazard assessment is based on information available on similar products.

Eye contact	Unlikely to cause eye irritation in man.
Skin contact	May cause skin irritation.
Inhalation	This material may cause irritation following inhalation.
Ingestion	May cause irritation of the gastrointestinal tract. Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.

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4 FIRST AID MEASURES

Eye contact	Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
Skin contact	Remove contaminated clothing. Wash skin with soap and water. If symptoms develop, obtain medical attention.
Inhalation	Remove patient from exposure. Obtain medical attention if ill effects occur.
Ingestion	Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain medical attention if ill effects occur.
Further Medical Treatment	Symptomatic treatment and supportive therapy as indicated.

5 FIRE-FIGHTING MEASURES

Extinguishing Media	Water fog, alcohol foam, carbon dioxide, dry chemical.
Unsuitable Extinguishing Media	None known
Special fire-fighting protective equipment	A self contained breathing apparatus and suitable protective clothing must be worn in fire conditions.
Fire and explosion hazards	Combustible but not readily ignited.
Explosion data	
Sensitivity to mechanical impact:	No data.
Sensitivity to static discharge:	No data.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Refer to section 8 for proper personal protective equipment
Environmental precautions	Do not allow to enter drains, sewers or watercourses.
Methods for cleaning up	Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area clean with water and detergent.
Other information	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING AND STORAGE

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Handling	Prevent skin contact. Avoid breathing this material. Provide adequate ventilation. Do not swallow.
Storage	Store in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Chemical name	Exposure limit values	Notes
No Occupational Exposure Limit Assigned.		

Engineering measures	Provide adequate ventilation.
Eye protection	Safety glasses with side shields.
Skin protection	Good working practice suggests gloves should be worn.
Respiratory protection	Respiratory protection is not required if good ventilation is maintained
Other	Eyewash and safety shower easily accessible to the work Area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Values are not product specifications.

Colour	straw
Form	liquid
Odour	mild
pH	No data.
Boiling point/boiling range (°C)	No data.
Flash Point (°C)	237.7 (open cup)
Autoignition Temperature (°C)	No data.
Flammable Limits	No data.
Explosive Properties	Not applicable.
Oxidising Properties	No data.
Vapour Pressure (mmHg)	No data.
Vapour Density	No data.
Solubility in water	insoluble
Solubility in other ingredients	No data.
Partition Coefficient	No data.
Kinematic viscosity (40°C) (mm²/S)	125.35
Kinematic viscosity (mm²/S)	12.88cSt @ 100 deg. C
Density (g/ml)	0.951 @ 15°C
Pour Point (°C)	-30

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10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	Strong oxidizing agents
Conditions to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation	Will not occur

11. TOXICOLOGICAL INFORMATION

No information available. This health hazard assessment is based on information available on similar products.

Carcinogenity	Short term tests and a consideration of the structure have shown that it is unlikely to be a carcinogenic hazard to man.
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12. ECOLOGICAL INFORMATION

Mobility	The product is essentially insoluble in water.
Persistence and degradability	(OECD 301B) (28 days) 63.1 %
Ecotoxicity	The product is partially biodegradable in water. Expected to be of low toxicity to aquatic life.
Effect on Effluent Treatment	The product is partially removed in biological treatment processes.

13. DISPOSAL CONSIDERATIONS

Methods of Disposal	Disposal should be in accordance with local, state or national legislation.
Contaminated packaging	Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container before disposal.

14. TRANSPORT INFORMATION

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Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.

15. REGULATORY INFORMATION

Not Classified as Dangerous for Supply/Use.

Not classified as hazardous according to criteria of WorkSafe Australia.

WGK	1
Inventory Status	
EU	Compliant.
USA	Compliant.
Australia	Compliant.
Japan	Compliant.
China	Compliant.
Korea	Compliant.
Philippines	Compliant.

16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 2018/58/EC

The following sections contain revisions or new statements: 1,

2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

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