SAFETY DATA SHEET



JEFFCOOL® E105N

Section 1. Identification

GHS product identifier : JEFFCOOL® E105N

Product code : 00034034

Other means of identification : Not available.

Product type : Liquid.

Material uses : Heat transfer fluid.

Supplier's details : Huntsman International LLC

P.O. Box 4980

The Woodlands, TX 77387

Technical Information: (281) 719-7780

e-mail address of person responsible for this SDS

: MSDS@huntsman.com

Emergency telephone number (24h/7day)

: Chemtrec: (800) 424-9300 or (703) 527-3887

Section 2. Hazards identification

OSHA/HCS status

 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

: ACUTE TOXICITY: ORAL - Category 4

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [central nervous

system (CNS) and kidneys] - Category 2

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) [central

nervous system (CNS), kidneys and liver] - Category 2

AQUATIC HAZARD (ACUTE) - Category 3

GHS label elements

Hazard pictograms



Signal word : Warning

Hazard statements : Harmful if swallowed.

Causes eye irritation.

May cause damage to organs. (central nervous system (CNS), kidneys)

May cause damage to organs through prolonged or repeated exposure. (central

nervous system (CNS), kidneys, liver)

Harmful to aquatic life.

Section 2. Hazards identification

Precautionary statements

: Wear eye or face protection. Avoid release to the environment. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Get medical attention if you feel unwell. IF exposed or if you feel unwell: Call a POISON CENTER or physician. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other hazards which do not : None known. result in classification

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	%	CAS number
Ethylene glycol	30 - 60	107-21-1
Sodium nitrite	0.1 - 1	7632-00-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. If necessary, call a poison center or physician.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Section 4. First aid measures

Potential acute health effects

Eye contact : Causes eye irritation.

Inhalation : No known significant effects or critical hazards.Skin contact : No known significant effects or critical hazards.

Ingestion : Harmful if swallowed. May be irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact: Adverse symptoms may include the following:

irritation watering redness

Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treatment with ethyl alcohol is indicated if toxic ingestion is suspected or if there is

metabolic acidosis following ingestion of this product. Administer ethyl alcohol

sufficient to maintain blood ethyl alcohol levels of above 100 mg/dL.

4-Methylpyrazole (Fomepizole, Antizole) is also a recognized antidote for this

product.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It

may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Flash point : Closed cup: >93.4°C (>200.1°F)

Extinguishing media

Suitable extinguishing

media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: None known.

Specific hazards arising from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst.

This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or

drain.

Hazardous thermal decomposition products

: Decomposition products may include the following materials:

carbon dioxide Carbon monoxide phosphorus oxides metal oxide/oxides

Special protective actions

for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without

suitable training.

Section 5. Fire-fighting measures

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, : including any incompatibilities

Section 7. Handling and storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Ethylene glycol	ACGIH TLV (United States, 6/2013).
	C: 100 mg/m³ 0 hours. Form: Aerosol

Appropriate engineering controls

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls/personal protection

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved

standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and

the safe working limits of the selected respirator.

Thermal hazards : Not available.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.
Color : Blue.
Odor : Slight

Odor threshold : Not available.

pH : 10.2

Melting point/Freezing point : -36.5°C (-33.7°F)

Boiling/condensation point : 93.3 to 121.1°C (199.9 to 250°F) **Flash point** : Closed cup: >93.4°C (>200.1°F)

Evaporation rate : Not available.
Flammability (solid, gas) : Not available.
Lower and upper explosive : Not available.

(flammable) limits

Vapor pressure : >0.013 kPa (>0.1 mm Hg) [room temperature]

Vapor density : 2.1 [Air = 1]

Relative density : 1.08

Solubility in water : Soluble

Partition coefficient: n- : Not available.

octanol/water

: Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Kinematic (room temperature): <0.187 cm²/s (<18.7 cSt)

Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials: No specific data.

Hazardous decomposition

products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Test	Endpoint	Species	Result
Ethylene glycol	No official guidelines	LD50 Dermal	Mouse - Male, Female	>3500 mg/kg
	No official guidelines	LD50 Oral	Rat - Male, Female	7712 mg/kg

Conclusion/Summary:

Ethylene glycol

The animal toxicity data for ethylene glycol (EG) and diethylene glycol (DEG) does not reflect the human toxicity of these substances. EG or DEG can be harmful or fatal if swallowed. The lower bound of human toxicity for these substances is estimated to be 200 mg/kg.

Irritation/Corrosion

Product/ingredient name	Test	Species	Result
, , , , , , , , , , , , , , , , , , , ,	No official guidelines No official guidelines		Skin - Non-irritant. Eyes - Non-irritant.

Conclusion/Summary

Skin: Ethylene glycol Non-irritating to the skin.

Sodium nitrite No additional information.

Eyes : Ethylene glycol Non-irritating to the eyes.

Sodium nitrite No additional information.

Respiratory: Ethylene glycol No additional information.

Sodium nitrite No additional information.

Sensitization

Product/ingredient name	Test	Route of exposure	Species	Result
Ethylene glycol	No official guidelines	skin	Guinea pig	Not sensitizing

Mutagenicity

Product/ingredient name	Test	Result
Ethylene glycol	Experiment: In vitro Subject: Bacteria Metabolic activation: +/-	Negative
	Experiment: In vitro Subject: Mammalian-Animal Metabolic activation: +/-	Negative
	Experiment: In vitro Subject: Mammalian-Animal Metabolic activation: +/-	Negative
	Experiment: In vivo Subject: Mammalian-Animal Cell: Germ	Negative
	Experiment: In vivo Subject: Mammalian-Animal	Negative

Section 11. Toxicological information

Carcinogenicity

Product/ingredient name	Test	Species	Dose	Exposure	Result/Result type
Ethylene glycol	No official guidelines No official guidelines	Mouse - Male, Female Rat - Male, Female	1500 mg/kg 1000 mg/kg	103 weeks 24 months; 7 days per week	Negative - Oral - NOAEL Negative - Oral - NOAEL

Reproductive toxicity

Not available.

Teratogenicity

Product/ingredient name	Test	Species	Result/Result type
Ethylene glycol	No official guidelines	Mouse - Male, Female Rat - Male, Female Mouse - Male, Female Rabbit - Male, Female	Positive - Oral Negative - Dermal

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Ethylene glycol	Category 2		central nervous system (CNS) and kidneys

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Ethylene glycol	Category 2		central nervous system (CNS), kidneys and liver

Aspiration hazard

Not available.

Information on the likely: Not available. routes of exposure

Potential acute health effects

Eye contact : Causes eye irritation.

Inhalation No known significant effects or critical hazards. **Skin contact** No known significant effects or critical hazards.

Ingestion Harmful if swallowed. May be irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:

irritation watering redness

Inhalation : No specific data. **Skin contact** : No specific data. Ingestion : No specific data.

Section 11. Toxicological information

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential : Not available.

immediate effects

Potential delayed : Not available.

effects

Long term exposure

Potential immediate effects

: Not available.

Potential delayed

: Not available.

effects

Potential chronic health effects

Product/ingredient name	Test	Endpoint	Species	Result
Ethylene glycol	OECD 408 Repeated Dose 90-Day Oral Toxicity Study in Rodents	Sub-chronic NOAEL Oral	Rat - Male, Female	150 mg/kg/d
	-	Chronic NOAEL Oral	Rat - Male, Female	200 mg/kg/d
	-	Chronic NOAEL Oral	Mouse - Male, Female	1500 mg/kg/d
	OECD 407 Repeated Dose 28-day Oral Toxicity Study in Rodents	Sub-acute NOAEL Oral	Rat - Male, Female	200 mg/kg/d
	OECD 410 Repeated Dose Dermal Toxicity: 21/28-day Study	Sub-acute NOEL Dermal	Dog - Male	>4000 mg/kg
	OECD 410 Repeated Dose Dermal Toxicity: 21/28-day Study	Sub-acute NOAEL Dermal	Dog - Male	>2000 mg/kg
Sodium nitrite	-	Chronic NOEL Oral	Rat - Male	10 mg/kg/d

General: May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental: No known significant effects or critical hazards.

effects

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	1012.1 mg/kg

Other information : Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Test	Endpoint		Exposure	Species	Result	
Ethylene glycol	OECD 202 <i>Daphnia</i> sp. Acute Immobilisation Test	Acute	EC50	48 hours Static	Daphnia	>100	mg/l
	No official guidelines	Acute	ErC50 (growth rate)	96 hours	Algae	6500 to 13000	mg/l
	Unknown guidelines	Acute	LC50	96 hours Static	Fish	72860	mg/l
	ISO ISO 8192	Chronic	EC20	30 minutes Static	Bacteria	>1995	mg/l
	Unknown guidelines	Chronic	NOEC	7 days Static	Daphnia	8590	mg/l
	Unknown guidelines	Chronic	NOEC	7 days Static	Fish	15380	mg/l
Sodium nitrite	-	Acute	EC50	48 hours Static	Daphnia	15.4	mg/l
	OECD 201 Alga, Growth Inhibition Test	Acute	ErC50 (growth rate)	72 hours Static	Algae	>100	mg/g
	No official guidelines	Acute	LC50	96 hours Flow- through	Fish	0.54 to 26.3	mg/l
	-	Chronic	NOEC	80 days Semi-static	Daphnia	9.86	mg/l
	-	Chronic	NOEC	30 days Renewal	Fish	1.05 to 21	mg/l

Persistence and degradability

Product/ingredient name	Test	Period	Result
Ethylene glycol	OECD 301A Ready Biodegradability - DOC Die-Away Test	10 days	90 to 100 %

Conclusion/Summary: Ethylene glycol Readily biodegradable

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Ethylene glycol	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Ethylene glycol	-1.36	-	low

Mobility in soil

Not available.

Other adverse effects : No known significant effects or critical hazards.

Other ecological information

BOD5 : Not determined.

COD : Not determined.

Section 12. Ecological information

TOC : Not determined.

Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. Transport information

Proper shipping name

DOT : Environmentally hazardous substance, liquid, n.o.s. (Ethylene glycol) RQ

TDG : Not regulated.IMDG : Not regulated.IATA : Not regulated.

Regulatory information	UN number	Classes	PG*	Label	Additional information
DOT Classification	UN3082	9	III	**************************************	Reportable quantity 5000 lbs / 2270 kg [555.25 gal / 2101.9 L] Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.
TDG Classification	Not regulated.	-	-		-
IMDG Classification	Not regulated.	-	_		-
IATA Classification	Not regulated.	-	-		-

Section 14. Transport information

PG*: Packing group

Section 15. Regulatory information

Safety, health and environmental regulations specific for the product

United States Regulations

TSCA 8(b) inventory : All components are listed or exempted.

: Sodium nitrite

TSCA 5(a)2 final significant new use rule (SNUR)

TSCA 5(e) substance consent order

: No ingredients listed.

TSCA 12(b) export

notification

: No ingredients listed.

SARA 311/312 : Immediate (acute) health hazard

Delayed (chronic) health hazard

Clean Air Act Section 112(b) Hazardous Air **Pollutants (HAPs)**

Product name Concentration % 34.65 - 49.401 : Ethylene glycol

Clean Air Act - Ozone **Depleting Substances** : This product does not contain nor is it manufactured with ozone depleting substances.

(ODS)

Product name Concentration % 34.65 - 49.401 : Ethylene glycol

SARA 313 Form R - Reporting

requirements

CERCLA Hazardous

substances

Section 304 **CERCLA Product** CERCLA Reportable Reportable **Ingredient name** % Hazardous Quantity Quantity **Substance** (Lbs) (Lbs) Ethylene alvcol 5000 49.401 Listed 10121 Sodium nitrite 100 16667

Listed

State regulations

PENNSYLVANIA - RTK : Ethylene glycol

California Prop 65 : This product contains no listed substances known to the State of California to cause

0.6

cancer, birth defects or other reproductive harm, at levels which would require a

warning under the statute.

Canadian regulations

CEPA DSL : All components are listed or exempted.

WHMIS Classes : Class D-2A: Material causing other toxic effects (Very toxic).

Class D-2B: Material causing other toxic effects (Toxic).

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Brazil Regulations

Classification system

used

: Norma ABNT-NBR 14725-2:2012

International lists : Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Japan inventory: At least one component is not listed.

Korea inventory: All components are listed or exempted.

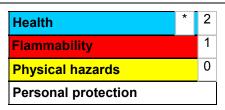
Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): At least one component is not listed.

Philippines inventory (PICCS): Not determined. Taiwan inventory (CSNN): Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

National Fire Protection Association (U.S.A.)



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Date of printing : **5/20/2014. Date of issue** : 5/20/2014.

Date of previous issue : No previous validation.

Version : 1

Section 16. Other information

Indicates information that has changed from previously issued version.

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Notice to reader

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IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

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