

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Name	Mold Preventer
Product Code(s)	RF1579
Recommended use	Protects leather from mold growth
Use pattern	Consumers
Recommended restrictions	None known

Details of the supplier of the safety data sheet:

Emergency Telephone Number 001-202-483-7616 (Chemtrec – U.S.)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification None

Label elements (GHS)



GHS Hazard Pictograms

Signal word	Warning
Hazard Statement	H302 – Harmful if swallowed H317 – May cause an allergic skin reaction H320 – Causes eye irritation
Precautionary statement	P102 – Keep out of reach of children P103 – Read label before use P233 – Keep container tightly closed P270 – Do not eat, drink or smoke when using this product P301+312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell P302+352 – IF ON SKIN: Wash with soap and water P305+351+338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

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Full text of H/P-Phrases – see Section 16

Other hazards

No additional information available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not applicable

Mixture

Chemical Name	CAS No.	EC No.	Concentration	GHS Classification
3-Iodo-2-propynyl Butylcarbamate	55406-53-6	259-627-5	0.1-1.0	See Section 2
Proprietary Formula	N/A	N/A	99.0-99.9	See Section 2

SECTION 4. FIRST AID MEASURES

Description of first aid measures

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation

Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. When symptoms persist or in all cases of doubt seek medical advice.

Skin contact

Remove contaminated clothing and shoes. Wash off with plenty of water. If irritation or symptoms develop, seek medical attention. Launder clothing before reuse.

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. When symptoms persist or in all cases of doubt seek medical advice.

Most important symptoms and effects, both acute and delayed

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause slight eye and skin irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media
Protective equipment for fire-fighters

Water, Foam, Carbon dioxide, Dry powder.
Wear self-contained breathing apparatus and protective suit. Fight fire with normal precautions from a reasonable distance.

Special fire-fighting procedures

Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire-fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up.

Environmental precautions
Methods and material for containment and clean up

Do not allow material to contaminate ground water system. Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

Reference to other sections

Refer to protective measures listed in sections 7 and 8.
Refer to Section 13 for disposal of contaminated material.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Ensure adequate ventilation. Wear suitable protective equipment. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep containers closed when not in use. Wash thoroughly after handling. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Store in cool/well-ventilated place. Inspect periodically for damage or leaks. Keep container tightly closed when not in use. Keep out of the reach of children. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel.

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Specific end use(s)

Protects leather from mold growth.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

<u>Exposure Limits:</u>			
<u>Chemical Name</u>	<u>Exposure Limits</u>	<u>Type</u>	<u>Notes</u>
None reported	No information available	Not applicable	None
None reported	No information available	Not applicable	None
None reported	No information available	Not applicable	None
None reported	No information available	Not applicable	None

Exposure Controls

Ventilation and engineering measures

Provide adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonable practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection

None required when used as intended. In the case of vapor formation use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Skin protection

For prolonged skin exposure, gloves impervious to the material are recommended. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear sufficient clothing to prevent skin contact

Eye/face protection

If splashes are likely to occur, wear tightly fitting safety goggles and safety glasses with side-shields.

General hygiene considerations

Avoid breathing vapors, fumes, or mists. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use.

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Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<i>Appearance</i>	emulsion
<i>Odor</i>	Characteristic odor
<i>Odor threshold</i>	No information available
<i>pH</i>	5-7
<i>Flash point</i>	No information available
<i>Flashpoint (Method)</i>	No information available
<i>Lower flammable limit (% by vol.)</i>	No information available
<i>Upper flammable limit (% by vol.)</i>	No information available
<i>Flammability (solid, gas)</i>	Not flammable
<i>Auto-ignition temperature</i>	No information available
<i>Decomposition temperature</i>	No information available
<i>Oxidizing properties</i>	None known
<i>Explosive properties</i>	No information available
<i>Initial boiling point and boiling range</i>	No information available
<i>Melting/Freezing point</i>	No information available
<i>Relative density (g/mL)</i>	1.0
<i>Solubility in water</i>	insoluble
<i>Other solubility(ies)</i>	No information available
<i>Vapor pressure</i>	No information available
<i>Vapor density</i>	No information available
<i>Partition coefficient (n-octanol/water)</i>	No information available
<i>Viscosity (cP)</i>	No information available
<i>Evaporation rate (BuAe = 1)</i>	No information available

Other Information

<i>Volatiles (% by weight)</i>	No information available
<i>Volatile organic compounds (VOC's)</i>	No information available
<i>Other physical/chemical comments</i>	No additional information

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Not normally reactive
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	Hazardous polymerization does not occur

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Conditions to avoid

Direct sources of heat. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; Other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on likely routes of exposure

Toxicological data

There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

Chemical Name	LC ₅₀ Inh. Rat 4 hr	LD ₅₀	
		Oral, rat	Rabbit, dermal
None reported	Not applicable	Not applicable	Not applicable

Routes of exposure

Eye contact: Skin contact; Inhalation; Ingestion.

Effects of acute exposure

Inhalation: If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract.

Skin contact: Direct skin contact may cause slight or mild, transient irritation.

Eye contact: May cause slight irritation. May cause redness and tearing (watering).

Potential of exposure

Ingestion: May cause nausea, vomiting, and diarrhea.

Other important hazards

None known or reported by the manufacturer.

None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

No data is available on the product itself. Should not be released into the environment.

See the following tables for individual ingredient ecotoxicity data.

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Ecotoxicity data

Ingredient	CAS No	Toxicity to Fish		
		LC ₅₀ / 96h	NOEC / 21 day	M Factor
None reported	Not applicable	Not applicable	Not applicable	Not applicable

Ingredient	CAS No	Toxicity to Daphnia		
		EC ₅₀ / 48h	NOEC / 21 day	M Factor
None reported	Not applicable	Not applicable	Not applicable	Not applicable

Ingredient	CAS No	Toxicity to Algae		
		EC ₅₀ / 96h or 72h	NOEC / 96h or 72h	M Factor
None reported	Not applicable	Not applicable	Not applicable	Not applicable

Persistence and degradability
Bioaccumulation potential
Mobility in soil
Other Adverse Environmental effects

No data is available on the product itself.
 The product itself has not been tested.
 The product itself has not been tested.
 None known.

SECTION 13. DISPOSAL CONSIDERATIONS
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Waste Treatment Methods

Handling for disposal

Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of disposal

Do not dispose of waste into sewer. Dispose of contents in accordance with local regulations.

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SECTION 14. TRANSPORTATION INFORMATION

UN number	Not applicable
UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Packing group	Not applicable
Environmental hazards	Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
Special precautions for user	Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Australia AICS	All of the components of this product are listed on the AICS Inventory.
Canada DSL	All of the components of this product are listed on the DSL Inventory.
China IECSC	All of the components of this product are listed on the IECSC inventory
EU EINECS/ELINCS/NLP	All of the components of this product are listed on the EINECS inventory
Korea KECI	All of the components of this product are listed on the KECI inventory
Japan ENCS	All of the components of this product are listed on the ENCS inventory
Philippine PICCS	All of the components of this product are listed on the PICCS inventory
US TSCA	All of the components of this product are listed on the TSCA inventory

Chemical safety assessment	A chemical safety assessment has not been carried out by the Manufacturer of this product.
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SECTION 16. OTHER INFORMATION

Legend

CAS	Chemical Abstract Services
EC	European Community
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
SDS	Safety Date Sheet
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
WEL	Workplace Exposure Limit
LC	Lethal Concentration
LD	Lethal Dose
EINECS	European Inventory of Existing Commercial Chemical Substances
EEC	European Economic Community
EN	European Standard

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EU	European Union
HSDB	Hazardous Substances Data Band
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
OECD	Organization for Economic Co-operation and Development
OEL	National Occupational Exposure Limits
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
RTECS	Registry of Toxic Effects of Chemical Substances

Full text of H-phrases

H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H320	Causes eye irritation

Full text of P-phrases

P102	Keep out of reach of children
P103	Read label before use
P233	Keep container tightly closed
P270	Do not eat, drink or smoke when using this product
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302+352	IF ON SKIN: Wash with soap and water
P305+351+338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

Preparation Date (mm/dd/yyyy): 02/24/2019

Other special considerations for handling: Provide adequate information, instruction and training for operators.

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