



Safety Data Sheet

1. Identification

Product Information	011087180
Product Name:	Reflectit
Recommended Use	Restricted to professional users
Uses advised against	Not suitable for use in homeworke (DIY) applications
Supplier	Dryvit Systems, Inc. One Energy Way West Warwick, RI 02893 800-556-7752
Emergency telephone number	Chemtrec: +1-800-424-9300 USA Chemtrec: +1 703-527-3887 ex-USA

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200

Carcinogenicity, category 1A

Skin Sensitizer, category 1

GHS Pictograms



Signal Word

Danger

Unknown Acute Toxicity

36.6% of the mixture consists of ingredients of unknown acute toxicity

HAZARD STATEMENTS

May cause an allergic skin reaction.

May cause cancer.

Precautionary Statements - Prevention

Obtain special instructions before use.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

If on skin: Wash with plenty of water

If exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents in accordance with local/regional/national/international regulations

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
N-(3,4-dichlorophenyl)-N,N-dimethylurea	330-54-1	0.1-1.0
CLAY (KAOLIN)	1332-58-7	0.1-1.0
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.1-1.0
BENTONITE	1302-78-9	0.1-1.0
Formaldehyde	50-00-0	0.1-1.0
Ammonium hydroxide	1336-21-6	0.1-1.0
SODIUM LAURYL SULFATE	151-21-3	0.1-1.0

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid Measures

Description of first-aid measures

General advice

No Information

Inhalation

Move to fresh air.

Skin contact

Wash skin with soap and water.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

Notes to physician

Treat symptomatically. Ingestion, depending on the dose, can cause i.a. abnormal behaviour, unconsciousness, convulsions, respiratory paralysis, pulmonary oedemas, as well as damages to liver and kidneys and can lead, in the worst case, to death. A quick treatment of an ethylene-glycol intoxication, when necessary with haemodialysis, may reduce the toxic effects. Intravenous ethyl alcohol in sodium bicarbonate solution is an approved antitoxin.

5. Fire-fighting Measures

Extinguishing media

Suitable extinguishing media

No Information

Extinguishing media which shall not be used for safety reasons

None.

Special hazards arising from the substance or mixture

No information available.

Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

No Information

Advice for emergency responders

Use personal protective equipment. Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Prevent product from entering drains. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Methods for cleaning up

No Information

Reference to other sections

See section 8 for more information.

7. Handling and Storage

Conditions for safe storage, including any incompatibilities

Advice on safe handling

No Information

Hygiene measures

General industrial hygiene practice. When using do not eat or drink.

Storage Conditions

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
N-(3,4-dichlorophenyl)-N,N-dimethylurea	10 mg/m ³	N.E.	N.E.	N.E.
CLAY (KAOLIN)	2 mg/m ³	N.E.	15 mg/m ³	N.E.
Formaldehyde	0.1 ppm	0.3 ppm	0.75 ppm	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

Engineering Measures

Showers, eyewash stations, and ventilation systems.

Personal protective equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and body protection

Wear suitable protective clothing. Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. |par Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. |par Penetration time of glove material: The exact break through time has to be found out by manufacturer of the protective gloves and has to be observed.

Respiratory protection

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

General industrial hygiene practice. When using do not eat or drink.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	No Information
Color	Colored liquid
Odor	Faint
Odor Threshold	No Information
pH	>8
Melting/freezing point, °C (°F)	No Information
Flash Point, °C (°F)	-39 (-38.2)
Boiling point/boiling range, °C (°F)	11 - 3,000 (51.8 - 5432)
Evaporation rate	No Information Available
Explosive properties	No Information
Vapor pressure	No Information
Vapor density	No Information
Specific Gravity (g/cm ³)	0.960
Water solubility	Soluble in water
Partition coefficient	No Information
Autoignition temperature, °C	No Information
Decomposition Temperature °C	No Information
Viscosity, kinematic	No Information

Other information

Volatile organic compounds (VOC) content	No Information
Density, lb/gal	No Information

10. Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None known based on information supplied.

Conditions to Avoid

None known.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known.

11. Toxicological Information**Information on toxicological effects****Acute toxicity****Product Information**

LD50 Oral	LD50 Dermal	LC50 Inhalation (Vapor)
OralLD50	DermalLD50	1,433.00 mg/l

Component Information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
330-54-1	N-(3,4-dichlorophenyl)-N,N-dimethylurea	4990 mg/kg Rat	>2000 mg/kg Rat	>0.265 mg/L Rat (Vapor)
1332-58-7	CLAY (KAOLIN)	>5000 mg/kg Rat	N.I.	N.I.
2634-33-5	1,2-Benzisothiazol-3(2H)-one	4	N.I.	N.I.
50-00-0	Formaldehyde	100 mg/kg Rat	270 mg/kg Rabbit	0.578 mg/L Rat (Vapor)
1336-21-6	Ammonium hydroxide	350 mg/kg Rat	N.I.	N.I.
151-21-3	SODIUM LAURYL SULFATE	1288 mg/kg Rat	200 mg/kg Rabbit	>3.9 mg/L Rat (Dust)

N.I. = No Information

Skin corrosion/irritation.

May cause irritation. MILD SKIN IRRITANT. SKIN IRRITANT

Eye damage/irritation.

No Information

Respiratory or skin sensitization.

respiratory distress.

Ingestion.

May be harmful if swallowed.

Germ cell mutagenicity.

No Information

Carcinogenicity.

Contains a known or suspected carcinogen.

Reproductive toxicity.

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information

Toxicity

0.30750 % of mixture consists of components of unknown hazards to the aquatic environment.

Ecotoxicity effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
N-(3,4-dichlorophenyl)-N,N-dimethylurea 330-54-1	EC50 96 h <i>Desmodesmus subspicatus</i> 0.022 mg/L, EC50 72 h <i>Desmodesmus subspicatus</i> 0.036 mg/L, EC50 72 h <i>Pseudokirchneriella subcapitata</i> <0.1 mg/L, EC50 96 h <i>Pseudokirchneriella subcapitata</i> 0.0007 mg/L	LC50 96 h <i>Pimephales promelas</i> 13.4 - 15 mg/L, LC50 96 h <i>Pimephales promelas</i> 13.4 - 15 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 2.3 - 3.3 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 4 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 1.5 - 2.54 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 14.7 mg/L, LC50 96 h <i>Cyprinus carpio</i> 2.9 mg/L	EC50 48 h <i>Daphnia magna</i> 1.4 mg/L, EC50 48 h <i>Daphnia magna</i> 6.3 - 13 mg/L
BENTONITE 1302-78-9	-	LC50 96 h <i>Oncorhynchus mykiss</i> 19000 mg/L	-
Formaldehyde 50-00-0	-	LC50 96 h <i>Pimephales promelas</i> 22.6 - 25.7 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 1510 µg/L, LC50 96 h <i>Brachydanio rerio</i> 41 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 0.032 - 0.226 mL/L, LC50 96 h <i>Oncorhynchus mykiss</i> 100 - 136 mg/L, LC50 96 h <i>Pimephales promelas</i> 23.2 - 29.7 mg/L	LC50 48 h <i>Daphnia magna</i> 2 mg/L, EC50 48 h <i>Daphnia magna</i> 11.3 - 18 mg/L
Ammonium hydroxide 1336-21-6	-	LC50 96 h <i>Pimephales promelas</i> 8.2 mg/L	EC50 48 h water flea 0.66 mg/L, EC50 48 h <i>Daphnia pulex</i> 0.66 mg/L
SODIUM LAURYL SULFATE 151-21-3	EC50 72 h <i>Desmodesmus subspicatus</i> 53 mg/L, EC50 96 h <i>Desmodesmus subspicatus</i> 30 - 100 mg/L, EC50 96 h <i>Pseudokirchneriella subcapitata</i> 117 mg/L, EC50 96 h <i>Pseudokirchneriella subcapitata</i> 3.59 - 15.6 mg/L	LC50 96 h <i>Pimephales promelas</i> 8 - 12.5 mg/L, LC50 96 h <i>Pimephales promelas</i> 15 - 18.9 mg/L, LC50 96 h <i>Pimephales promelas</i> 22.1 - 22.8 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 4.3 - 8.5 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 4.62 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 4.2 mg/L, LC50 96 h <i>Brachydanio rerio</i> 7.97 mg/L, LC50 96 h <i>Brachydanio rerio</i> 9.9 - 20.1 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 4.06 - 5.75 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 4.2 - 4.8 mg	EC50 48 h <i>Daphnia magna</i> 1.8 mg/L

Persistence and degradability

No data are available on the product itself.

Bioaccumulative potential

Discharge into the environment must be avoided.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>log POW</u>
330-54-1	N-(3,4-dichlorophenyl)-N,N-dimethylurea	2.82
2634-33-5	1,2-Benzisothiazol-3(2H)-one	1.3
50-00-0	Formaldehyde	0.35
151-21-3	SODIUM LAURYL SULFATE	1.6

Mobility in soil

No information

Other adverse effects

No information

13. Disposal Considerations

Waste Disposal Guidance

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

No Information

14. Transport Information

DOT

Packing Group: I

IMDG

No Information

IATA

No Information

15. Regulatory Information

International Inventories:

TSCA	Contains Non Listed Components
DSL	Contains Non Listed Components
EINECS/ELINCS	Contains Non Listed Components
ENCS	Contains Non Listed Components
IECSC	Contains Non Listed Components
KECI	Contains Non Listed Components
PICCS	Contains Non Listed Components
AICS	Contains Non Listed Components
NZIoC	Contains Non Listed Components
TCSI	Contains Non Listed Components
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemicals
TCSI	Taiwan Chemical Substance Inventory

U.S. Federal Regulations:

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
N-(3,4-dichlorophenyl)-N,N-dimethylurea	330-54-1	0.1-1.0
Formaldehyde	50-00-0	0.1-1.0

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components are present in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
N-(3,4-dichlorophenyl)-N,N-dimethylurea	330-54-1
Formaldehyde	50-00-0
Titanium dioxide	13463-67-7

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS-No.</u>
Ethylene glycol	107-21-1

16. Other Information

Revision Date:	7/24/2018	Supersedes Date:	New SDS
Reason for revision:	No Information		
Datasheet produced by:	Regulatory Department		

HMIS Ratings:

Health:	N.I.	Flammability:	N.I.	Physical Hazard:	N.I.	Personal Protection:	N.I.
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NFPA Ratings:

Health:	N.I.	Flammability:	N.I.	Instability:	N.I.	Physical & Chemical:	N.I.
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.