

1. IDENTIFICATION

Product Name:	URE-OUT™
Product Code:	URE-
Recommended Use:	Surface Cleaner & Odor Control
Uses Advised Against:	Please Refer to Product Data Sheet
Manufacturer:	FCS Solutions Ltd. #71513, 12955-153 Avenue NW Edmonton, AB T6V 0E3 Canada
Telephone Number:	(855) 897-6921 – 9am – 4pm MT M-F
Emergency Telephone Number:	(855) 897-6921– 9am – 4pm MT M-F

2. HAZARD IDENTIFICATION

Classification of the product is in accordance with 29CFR 1910.1200

Label Elements:**Emergency Overview:****Warning:**

Hazard Statements: Causes serious eye damage, skin irritation, harmful if swallowed, May cause an allergic skin reaction

Appearance: Opaque **Physical State:** Liquid **Odor:** Slight Fermentation Odor

Precautionary Statements:

Prevention: Wear eye/face protection. Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapors/spray.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

Eyes: present and easy to do. Continue rinsing.

Skin: IF ON SKIN: Gently wash with plenty of soap and water.

Inhalation: IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50° C/122° F

Disposal: Dispose of unused product and container in accordance with all applicable local and regional requirements

Hazards not otherwise classifies (HNOC): Not Applicable

Other Information

Health Hazard	2
Fire Hazard	0
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Cas - NO	Weight %
Water	7732-18-5	92-97%
Sodium Xylenesulphonate (SXS)	1300-72-7	<5%
Citric Acid	77-92-9	<1%
Sodium Hydroxide	1310-73-2	<1%
Viable Bacteria Cultures	Not Applicable	<1%
Ethoxylated Alcohols	68439-50-9	<1%
1,2-Benzisothiazole-3(2H)-one	2634-33-5	<0.5%
2-bromo-2-nitro-1,3-propanediol	52-51-7	<0.05%
5-chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	<0.05%
2-Methyl-4-isothiazolin-3-one	2682-20-4	<0.05%

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

4. FIRST AID MEASURES

Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin Contact:	Remove any contact lenses Wash off immediately with soap and plenty of water
Inhalation:	Move to fresh air
Ingestion:	Clean mouth with water and afterwards drink plenty of water

Most Important Symptoms and Effects, Both Acute and Delayed:

Main Symptoms No information available

SAFETY DATA SHEET

Indication of any Immediate Medical Attention and Special Treatment Needed:

Notes to Physician

Treat Symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical: May cause allergic respiratory reaction.

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NOISH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Ensure adequate ventilation

Environmental Precautions: Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a high efficiency filter. Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing.

Methods and Material for Containment and Clean Up: Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety practice

Conditions for Safe Storage; Including Incompatibilities:

Storage Conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place

Packaging Material:

There could be many packaging types for the product.

Incompatible Materials:

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

8. EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Control Parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Water 7732-18-5	N/A	N/A	N/A
Sodium Xylenesulphonate (SXS) 1300-72-7	N/A	N/A	N/A
Citric Acid 77-92-9	N/A	N/A	N/A
Viable Bacteria Cultures: Not Applicable	N/A	N/A	N/A
Sodium Hydroxide 1310-73-2	Ceiling: 2mg/ m ³	TWA: 2 MG/m ³	10 mg/m ³
Ethoxylated alcohols 68439-50-9	N/A	N/A	N/A
1,2-Benzisothiazole-3 (2H)-one 2634-33-5	N/A	N/A	N/A
2-bromo-2-nitro-1,3-propanediol 52-51-7	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one 2617-55-4	N/A	N/A	N/A
2-Methyl-4-isothiazolin-3-one 2682-20-4	N/A	N/A	N/A

IDLH- Immediately Dangerous to Life or Health

Appropriate Engineering Controls:

Individual Protection Measures:

Eye Protection:

Avoid contact with eyes

Skin and Body Protection:

No special technical protective measures are necessary
In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory Protection:

Handle in accordance with good industrial hygiene and safety practices

General Hygiene Considerations:

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties:

Physical State:	Liquid
Appearance:	Opaque
Odor:	Slight fermentation odor
Odor Threshold:	No information available

Property Values:

pH:	6.5-7.2
Melting/Freezing Point:	No information available
Evaporation Rate:	No information available
Flammability (Solid, Gas):	No information available
Burning Rate 100 mm:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Specific Gravity:	No Information Available
Water Solubility:	No Information Available
Solubility in other solvents:	No information Available
Partition Coefficient(Noctanol/water)	No information available
Autoignition temperatures:	No information available
Decomposition temperatures:	No information available
Viscosity of production:	No information available
Viscosity:	No information available
Explosive properties:	No information available
Oxidizing properties:	No information available

Other information

Softening point:	No information available
VOC Content:	No information available

10. STABILITY AND REACTIVITY

Reactivity: No data available
Chemical stability: Stable under recommended storage conditions
Possibility of Hazardous Reactions: No information available
Conditions to Avoid: Extremes of temperature and direct sunlight. Stable under normal conditions. Excessive temperature variations below 0°C or above 50°C.
Incompatible Material: Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures
Hazardous Decomposition Products: No information available.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure:

Inhalation: May cause irritation of the respiratory tract
Eye contact: Contact with the eyes may cause irritation
Skin contact: Repeated or prolonged skin contact may cause
Ingestion: Ingestion may cause stomach discomfort

Information on Toxicological Effects:

Symptoms No information available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long Term Exposure:

Sensitization: No information available
Mutagenic Effects: No information available
Reproductive Effects: No information available
Specific target organ systemic toxicity (single exposure): No information available
Chronic Toxicity: No information available
Aspiration Hazard: No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity: None known

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Citric Acid 77-92-9			EC50=14 mg/L 15min	EC50=120 mg/L 72h
2-bromo-2-nitro,1-3propanediol 52-51-7			EC50=0.41 mg/L 30min EC50=.05 mg/L 15 min E50= 0.91mg/L 5 min	
5-chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	EC50 0.03 – 0.13 mg/L 96h EC50 0.11- 0.16 mg/L 72h EC50= 0.31 g/L 120h			EC50 0.12-0.3 mg/L 48hrs EC50 0.71-0.99 mg/L 48hrs EC50=4.71 mg/L 48h

Persistence/Degradability: The organic components of the product are biodegradable.

Bioaccumulation/Accumulation: No information available

Chemical Name	Iog Pow
Citric acid 77-92-9	-1.72
1,2 Genzisothiazole-3 (2H)-one 2634-33-5	13
5-chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	75

Other Adverse Effects: No information available / No known effect

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal Method: Dispose of contents/container in accordance with local regulation.
Contaminated Packaging: Dispose of wastes in an approved waste disposal facility.

14. TRANSPORT INFORMATION

DOT: Not Regulated
TDG: Not Regulated
MEX: Not Regulated
ICAOI: Not Regulated
IATA: Not Regulated
IMDG/IMO: Not Regulated
RID: Not Regulated
ADR: Not Regulated
ADM: Not Regulated

15. REGULATORY INFORMATION

International Inventories:

Legend:

TSCA - *United States Toxic Substances Control Act Section 8(b) Inventory*
 DSL/NDSL - *Canadian Domestic Substances List/Non-Domestic Substances List*

Federal Regulations:

SARA 313:

Section 313 of Title III of the Superfund Amendments and Re authorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

SARA 311/312 Hazardous Categorization:

Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure: No
Reactive Hazard: No

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR302) or the Superfund Amendments and Re - authorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical name:	RQ	CERCLA/SARA RQ	RQ
Sodium Hydroxide	\$1000		\$RQ= 1000lb final RQ
1310-73-2	\$454		\$RQ= 454kg final RQ

State Regulations:

California Proposition 65: This product does not contain any Proposition 65 chemicals

State Right to Know U.S. EPA Label Information:

EPA Pesticide Registration Number: Not Applicable

Canada:

WHMIS Statement:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR

WHMIS Graphic:



WHMIS Hazard Class:

D2B Toxic Materials

16. OTHER INFORMATION

Date of Latest Revision: 09/15/16 *No Changes to Report

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of OIL-OUT™ Ltd., it is the responsibility of the customer to determine the conditions of safe use of this preparation.