

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

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Product Name Facelift
CAS # Mixture
Product use Scale and Rust Stain Remover
Supplier Legend Brands
 15180 Josh Wilson Rd
 Burlington, WA 98233
 Phone: 1-800-932-3030
 Emergency: 1-800-535-5053

2. Hazards Identification

Emergency overview	DANGER CAUSES EYE BURNS. MAY CAUSE SKIN IRRITATION. Corrosive to aluminum.
Potential short term health effects	
Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Eyes	May cause chemical burns. May cause blindness.
Skin	May cause irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.
Target organs	Eyes. Skin. Mucous membranes.
Chronic effects	Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis.
Signs and symptoms	Severe eye irritation.
OSHA Regulatory Status	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Potential environmental effects	Not available

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Alcohols, C7-21, ethoxylated	68991-48-0	3 - 7
Urea, monohydrochloride	506-89-8	15 - 40
Lauryldimethylamine oxide	1643-20-5	1 - 5

4. First Aid Measures

First aid procedures	
Eye contact	Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Symptoms may be delayed.
General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Not flammable by WHMIS/OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical. Carbon dioxide. Foam. Fog.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. DO NOT get in eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.
Storage	Keep out of the reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
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Alcohols, C7-21, ethoxylated

ACGIH-TLV
Not established
OSHA-PEL
Not established

Lauryldimethylamine oxide

ACGIH-TLV
Not established
OSHA-PEL
Not established

Urea, monohydrochloride

ACGIH-TLV
Not established
OSHA-PEL
Not established

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye / face protection

Wear chemical goggles.

Hand protection

Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection

As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Clear
Color	Colourless to light amber
Form	Not available
Odor	Mild
Odor threshold	Not available
Physical state	Liquid
pH	0.35
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Octanol/water coefficient	Not available
Viscosity	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	This product may react with strong alkalies. This product may react with reducing agents.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Caustics. Oxidizers. Reducing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
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Alcohols, C7-21, ethoxylated	Not available
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Lauryldimethylamine oxide	Not available
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Urea, monohydrochloride	Not available
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Component analysis - Oral LD50

Ingredient(s)	LD50
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Alcohols, C7-21, ethoxylated	1410 mg/kg rat
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Lauryldimethylamine oxide	2700 mg/kg mouse
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Urea, monohydrochloride	1121 mg/kg rat
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Effects of acute exposure

Eye	May cause chemical burns. May cause blindness.
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Skin	May cause irritation.
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Inhalation	May cause respiratory tract irritation.
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Ingestion	Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.
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Sensitization	Non-hazardous by WHMIS/OSHA criteria.
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Chronic effects	Non-hazardous by WHMIS/OSHA criteria.
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Carcinogenicity	Non-hazardous by WHMIS/OSHA criteria.
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Mutagenicity	Non-hazardous by WHMIS/OSHA criteria.
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Reproductive effects	Non-hazardous by WHMIS/OSHA criteria.
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Teratogenicity	Non-hazardous by WHMIS/OSHA criteria.
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Name of Toxicologically Synergistic Products	Not available
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12. Ecological Information

Ecotoxicity	Not available
Persistence / degradability	Not available
Bioaccumulation / accumulation	Not available
Mobility in environmental media	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Partition coefficient	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Disposal instructions	Review federal, state/provincial, and local government requirements prior to disposal.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., SOLUTION (Urea, monohydrochloride)
Hazard class	Limited Quantity
UN number	UN3265
Packing group	III
Additional information:	
Special provisions	16



15. Regulatory Information

Canadian federal regulations	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.
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Canada - WHMIS - Ingredient Disclosure List

Lauryldimethylamine oxide	1643-20-5	1 %
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WHMIS status	Controlled
WHMIS classification	Class D - Division 2B, Class E - Corrosive Material
WHMIS labeling	



Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical	Yes
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US Federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

Yes

Clean Water Act (CWA)

Not available

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Inventory name

Country(s) or region

Inventory name

On inventory (yes/no)*

Canada

Domestic Substances List (DSL)

Yes

Canada

Non-Domestic Substances List (NDSL)

No

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

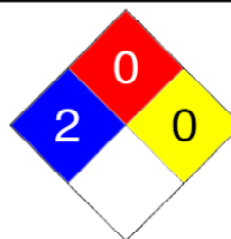
A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Disclaimer

Health	/ 2
Flammability	0
Physical Hazard	0
Personal Protection	X



Information contained herein has been obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date

07-Nov-2012

Date 01-Nov-2012

Other information For an updated MSDS, please contact the supplier listed on the first page of the document. This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.