



REVEAL F2

SAFETY DATA SHEET

VALIDATION DATE: 1/5/2021

1. IDENTIFICATION

PRODUCT IDENTIFIER: REVEAL F2

SYNONYMS: GRIME & CALCIUM BUILDUP REMOVER

MANUFACTURER / SUPPLIER: Vision Chemical Systems, Inc
16401 E 33rd Drive, Suite 30
Aurora, CO 80011

PHONE: (303) 371-7342

24-HOUR EMERGENCY PHONE NUMBER - INFOTRAC: (800) 535-5053

2. HAZARD(S) IDENTIFICATION

Classification Of Substance/Mixture: Skin Irritation Category 2
Eye Irritation Category 2A

Pictogram:



Signal Word:

Warning!

Hazard Statement:

Causes skin irritation.
Causes serious eye irritation

Precautionary Statements:

Prevention:

Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/
face protection.

Skin Contact:

Wash with plenty of water and soap.
Specific treatment: see first aid section.
If skin irritation occurs: get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Persons with allergies or pre-existing skin conditions should
avoid contact.

Eye Contact:

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.

Inhalation:

Possible irritation of respiratory tract.

Aspiration Hazard:

If swallowed-can enter lungs and cause damage.

Carcinogens:

None of the ingredients are listed as carcinogens by IARC,
NTP, or OSHA.

California Prop 65:

This product does not contain any chemicals listed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	OSHA PEL	TLV	% By Weight
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Per the OSHA Hazard Communication Standard, 29 CFR 1910.1200 the specific chemical identities contained in this mixture are being withheld as a Trade Secret.

4. FIRST AID MEASURES

Eye Contact:	In case of contact, immediately rinse eyes with a gentle stream of clean water for at least 15 minutes, holding eyelids open. Remove contact lenses if worn. If irritation occurs and persists, seek medical attention.
Skin Contact:	Remove contaminated clothing and thoroughly rinse skin with water. Use soap to remove product from skin if available. If irritation occurs and persists, seek medical attention. Launder clothes before reuse.
Ingestion:	Aspiration hazard if swallowed. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs place head lower than hips to prevent aspiration. Seek medical attention immediately.
Inhalation:	In unlikely event that symptoms occur move affected person to fresh air. If symptoms persist seek medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint And Method:	This product is not flammable or combustible.
Flammable Limits (in air):	Upper: N/A Lower: N/A Autoignition Temperature: N/A
General Hazard:	Evacuate personnel downwind of fire to avoid inhalation of irritating and/or harmful fumes and smoke.
Suitable extinguishing Media:	Water spray, CO2 , Chemical-type foam.
Decomposition Products:	Not available
Hazard Combustion Products:	Not determined for this product.
Fire Fighting Equipment:	Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.
Sensitive To Static Discharge:	No.
Sensitivity To Impact:	No.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Release:	Observe safety procedures in section 7 and 8 during clean up. Put on appropriate personal protective equipment (see section 8). Small spills can be wiped up. Large spills should be absorbed by dirt, sand, or other suitable absorbents for disposal. Rinse area well with water.
Waste Disposal Method:	Waste must be disposed of in accordance with all federal, state, and local environmental control regulations.

See Section 13 for disposal information and Section 15 for regulatory requirements.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry, well-ventilated place, away from incompatible materials (e.g. strong oxidizers).
Keep from freezing, if frozen return to room temperature.

Handling: Under normal use according to label instructions, special protection should not be necessary.
Wear eye protection if product is likely to splash.
Do not place this product in an unmarked container.
Spilled material is slippery.

KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: General mechanical room ventilation is sufficient for normal use of this product. If use generates heavy vapors, mists, or aerosols, use local mechanical exhaust ventilation capable of maintaining emissions in the work area below a level of irritation to the eyes or respiratory tract.

Eye Protection: Use tight fitting safety glasses or splash goggles. fitting safety goggles.
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.
An eye wash station should be available in the work area.

Skin Protection: Use of chemical resistant gloves and apron is strongly recommended, especially for prolonged contact.
Safety shower should be available in the work area.

Inhalation: Respirator not required for normal use of this product.
Wear appropriate respirator when ventilation is inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red	Density	Not Determined
Physical State:	Liquid	Bulk Density (LBS/ft ³)	Not Determined
Odor	Mild Detergent	Vapor Pressure	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	Not Determined
Molecular Formula	Not Determined	Evaporation Rate (H ₂ O=1)	<1
Moelcular Weight	Not Determined	VOC Content	Not Applicable
Boiling Point	100°C (212°F)	% Volatile	Not Determined
Freezing/Melting Point	2.17°C (35.9°F)	Solubility in Water	Complete
Specific Gravity	1.09 @ 25°C		

10. STABILITY AND REACTIVITY

General: This product is stable and hazardous polymerization will not occur.

Conditions To Avoid: Avoid excessive heat and flame.

Incompatible Material: Avoid contact with strong oxidizing agents or anything that is not compatible with water.

Decomposition Products: Not Determined.

Mechanical Impact: This product is NOT sensitive to mechanical impact.

Static Discharge: This product NOT sensitive to static discharge.

11. TOXICOLOGICAL INFORMATION

Route(s) Of Entry:	Ingestion. Not likely to be inhaled in dangerous amounts.
Carcinogenity:	No known effects.
Medical Condition Aggravated:	May aggravate pre-existing dermatitis.
Inhalation:	Not likely to be inhaled in hazardous amounts. Maintain adequate ventilation in the work area.
Ingestion:	Can cause irritation or damage to stomach and esophagus.
Eyes:	May cause severe eye irritation.
Skin (Dermal):	This product may cause irritation or redness of the skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No known effects.
Persistence and Degradability:	Not determined.
Bioaccumulative Potential:	Product is not expected to bioaccumulate.
Mobility in Soil:	Not determined.
Other Adverse Effects:	No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation).

13. DISPOSAL CONSIDERATIONS

Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

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

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11).

Containers should be triple-rinsed before disposal or re-use.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name:	Industrial cleaners N.O.I., liquid keep from freezing	
DOT Hazard Class:	N/A	
DOT Packaging Group:	N/A	
DOT I.D. Number:	N/A	
DOT Label/Placard:	N/A	
Vessel (IMO/IMDG) Proper Shipping Name:	N/A	Label: Use product identifier, "Trade Name".
Air (ICAO/IATA) Proper Shipping Name:	N/A	Label: Use product identifier, "Trade Name".

15. REGULATORY INFORMATION

SARA 311 Hazard Category:	None.
SARA 313 Reportable Ingredients:	No products were found.
CERCLA Reportable Quantity:	Not Regulated
TSCA (Toxic Substance Control Act):	N/A
CAA (Clean Air Act, USA):	No products were found.
CWA (Clean Water Act):	No products were found.

16. OTHER INFORMATION**MANUFACTURERS DISCLAIMER:**

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