HILLYARD INDUSTRIES
SAFETY DATA SHEET

1. Identification

Product Identifier:CRÈME CLEAN
Application or recommended use: Scouring cleanser
Restrictions on use: Do not use in any fashion not specified on the product label.
Manufacturer / supplier: Hillyard Industires
302 N. Fourth Street
St. Joseph, MO 64501 USA
Telephone: 1-816-233-1321 **Emergency phone:** 1-816-233-1321 **National Poison Center:** 1-800-222-1222

2. Hazards Identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.
Acute Toxicity (Oral) - Category 4
Skin Corrosion/Irritation - Category 2
Eye Damage/Irritation - Category 1

Label Elements:

Symbol:



Signal word: **DANGER**
Hazard statements: Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
Precautionary statements: Wash hands, face and any skin contact thoroughly after handling.
Wear protective gloves/eye protection/face protection.
Do not eat, drink or smoke when using this product.
IF SWALLOWED: Rinse mouth. Call a poison center/doctor if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Get medical advice/attention if you feel unwell.
See 4. First-Aid Measures for specific treatment.
Dispose of contents/container to an approved disposal facility.

Other Hazards: None known

3. Composition / Information on Ingredients

Chemical characterization: Mixture of water, silica, detergents, and auxiliary agents.
Hazardous ingredients: The exact percentage of composition has been withheld as a trade secret.

35 - 40% Silica	CAS 14808-60-7, EINECS/ELINCS 238-874-4
5 - 10% C_{9-11} Alcohol ethoxylate	CAS 68439-46-3, EINECS/ELINCS N/A
5 - 10% Sulfonic acid,	CAS 27176-87-0, EINECS/ELINCS 248-289-4

Other ingredients (> 1%):

> 50% Water	CAS 7732-18-5, EINECS/ELINCS 231-791-2

4. First-Aid Measures

Symptoms: Burning or irritation of affected areas. Causes skin irritation and serious eye damage.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
Inhalation: Move person to fresh air and keep comfortable for breathing.
Skin Contact: Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. If skin irritation occurs, get medical advice/attention.
Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration.
Note to Physician: Treat exposed patients symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Not applicable. Product is not a fire hazard.
Unsuitable Extinguishing Media: High pressure water jet. **Specific hazards in case of fire:** None known.
Special Fire Fighting Precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

6. Accidental Release Measures

Emergency Procedures: Depending on the extent of release, consider the need for restriction of access to spill area.
Personal Precautions: Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.
Environmental Precautions: Prevent spills from entering storm sewers/drains or contact with soil.
Clean up Methods: Small spills may be wiped up and rinsed with water. For larger spills, contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water. Follow good industrial hygiene practices.

7. Handling and Storage

Precautions for Safe Handling: Read label before use. Avoid contact with skin or eyes. Wear protective gloves, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor. Do not eat, drink or smoke while using this product. Wash hands, face and any skin contact thoroughly after handling.
Conditions for Safe Storage: Do not contaminate water, food or feed by storage and disposal. Store in tightly closed, original container in a cool (10° - 30°C), dry area. Keep in an area inaccessible to children. **Incompatibility:** None known.

8. Exposure Controls / Personal Protection

Components with occupational exposure limits: None

Component	Reference	TWA	PEL
Silica	ACGIH(TLV)	0.025 mg/m^3	
	OSHA		0.1 mg/m^3
	NIOSH(REL)	0.05 mg/m^3	

Engineering Controls: Proper ventilation in accordance with good industrial hygiene should be provided.
Personal Protective Equipment
Respiratory: Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an approved cartridge style respirator.
Gloves: Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.
Eye Protection: Chemical resistant goggles or face protection.
Other: Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

9. Physical and Chemical Properties

Physical State - Slurry
Color - White
Odor - Mint
Odor Threshold - Not available
Boiling Point - 212°F
Decomposition temperature - No data available
Freezing Point - 32°F
pH (Neat) - 2.1 - 3.1
Relative Density - 1.20 - 1.30
Evaporation Rate - Similar to water
Auto-ignition temperature - Not applicable
Flash Point - None
Flammability - Not applicable
Flammability Limits - Not applicable
Partition coefficient - Not applicable
Solubility (Water) - Complete
Vapor Density - Not available
Vapor Pressure - Not available
Viscosity - Viscous slurry
% VOC - < 1 (Excluding exempt material)

10. Stability and Reactivity

Reactivity: No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected. **Incompatible materials:** Oxidizers, anionic detergents.
Chemical stability: This product is stable at ambient temperatures and pressures.
Conditions to avoid: Temperatures above 50°C or below 10°C. **Hazardous decomposition products:** None known.

11. Toxicological Information

Acute Toxicity: Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

Test	Results	Classification (A.0.4.1(c))	Basis (A.1.3.6.1)
Oral	> 1075mg/kg	Category 4	Ingredient literature (Additive formula)
Dermal	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Inhalation	> 20 mg/L	Not applicable	Ingredient literature (Additive formula)
Eye Damage/Irritation	Corrosion	Category 1	Ingredient literature
Skin Damage/Irritation	Irritation	Category 2	Ingredient literature

Summary: Skin and eye contact are most likely routes of exposure. Exposure causes skin irritation and serious eye damage.

11. Toxicological Information (cont.)

Subchronic/Chronic Toxicity:

Test	Results	Classification	Basis
Skin Sensitization	Not a sensitizer	Not applicable	Ingredient literature.

Summary: Repeated or prolonged contact causes skin irritation and serious eye damage.

Carcinogens - Silica CAS# 14808-60-7 is listed by both IARC and NTP as a human carcinogen when present in the form of respirable quartz. Creme Cleanser, as delivered, does not contain respirable quartz.

Other data - No other toxicological information is available for this mixture.

12. Ecological Information

This material has not been tested for acute environmental effects.

Persistence and degradability: Material is not persistent. All organic components > 1%are readily biodegradable.

Bio-accumulative potential: No evidence to suggest bio-accumulation will occur.

Mobility: Accidental spillage may lead to penetration of soil and groundwater.

13. Disposal Considerations

Do not contaminate water, food or feed by disposal. If these materials cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

14. Transport Information

Proper Shipping Name: Not regulated **RQ** - Not Applicable

Shipping emergency phone: 800-424-9300

Transport hazard class: Not Applicable **Hazard Label:** Not Applicable

Packing Group: Not Applicable **Emergency Guide No.:** Not Applicable **Marine Pollutant:** No

15. Regulatory Information

Inventory status: All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia).

OSHA Hazard Communication Standard: This product meets the §1910.1200 definition of a "Hazardous Chemical".

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312

Immediate (Acute) Health Hazard	Yes	**Delayed (Chronic) Health Hazard**	No
Fire Hazard	No	**Reactive Hazard**	No
Sudden Release of Pressure Hazard	No		

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313

*****Chemicals marked with an asterisk in "**3. Composition/Information on Ingredients**" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.

Pennsylvania/New Jersey/Massachusetts Right to Know

See "**3. Composition/Information on Ingredients**" for hazardous and top five ingredients over 1% (w/w).

California Proposition 65: This product contains a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute: Silica CAS# 14808-60-7. In its current form however, no respirable quartz is present.

16. Other information

Date issued: 31. 12. 2014 F430-001 Revision: N/A

Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. **Prepared by:** R&D