



## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product Name:	Scum & Mineral Deposit Remover
1.2	Brand Name:	Supreme Surface
1.3	Chemical Name:	Aqueous Solution
1.4	Product Use:	Cleaner
1.5	Distributor's Name:	Supreme Surface Cleaners, LLC
1.6	Distributor's Address:	489 Southpoint Circle Ste. 700, Brownsburg, IN 46112
1.7	Business Phone:	(317)-350-2955
1.8	Emergency Phone:	<b>CHEMTREC +1 (703) 527-3887 / +1 (800) 424-9300</b>

## SECTION 2 — HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<p>This product is not classified as a HAZARDOUS SUBSTANCE or as DANGEROUS GOODS according to the classification criteria of NOHSC:1088 (2004) and ADG Code (Australia). In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS. Aqueous solution.</p> <p><b>WARNING! HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.</b></p> <p><u>Hazard Statements (H):</u> H302 – Harmful if swallowed. H315 – Causes skin irritation. H319 – Causes serious eye irritation. H336 – May cause drowsiness or dizziness.</p> <p><u>Precautionary Statements (P):</u> P261 – Avoid breathing mist/spray. P264 – Wash thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P280 – Wear protective gloves.</p> <p>P301+P312 – IF SWALLOWED: call a POISON CENTER/doctor. P330 – Rinse mouth. P302+P352 – IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment: see section 4 of this Safety Data Sheet. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362 –Take off contaminated clothing and wash before reuse. P403+233 – Store in a well-ventilated place. Keep container tightly closed. P501 - Dispose of contents/ container to an approved waste disposal plant.</p>
2.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> This product can cause transient mild eye irritation with short-term contact with liquid sprays or mists.</p> <p><u>Skin:</u> This product can cause mild, transient skin irritation with short-term exposure.</p> <p><u>Inhalation:</u> Exposure may cause respiratory tract irritation in some sensitive individuals.</p>
2.3	Symptoms of Overexposure:	<p><u>Skin:</u> Prolonged contact with skin may result in bleaching and irritation of skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas.</p> <p><u>Eyes:</u> Overexposure in eyes may cause redness, itching and watering (risk of serious damage to eyes). Contact may cause serious eye irritation including stinging, watering, redness.</p>
2.4	Acute Health Effects:	Moderate irritation to eyes. Moderate irritation to skin near affected areas.



		Acute health hazards may be delayed. Most common symptoms include irritating properties to eyes, respiratory system and skin.
2.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion. These ingredients may be irritating to skin and mucous membrane of the eye and respiratory system. Overexposure may trigger asthma – like symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis.
2.6	Target Organs:	Eyes, Skin.

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	%	CAS Number	Exposure Limits in Air (mg/m <sup>3</sup> )				
			ACGIH (ppm)		OSHA (ppm)		
			TLV	STEL	PEL	STEL	IDLH
Water	80-90%	7732-18-5	NE	NE	NE	NE	NE
Proprietary Formula	10-19%	N/A	N/A	N/A	N/A	N/A	N/A

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## SECTION 4 — FIRST AID MEASURES

4.1	Ingestion:	<b>DO NOT INDUCE VOMITING.</b> Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
4.2	Eyes:	Flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek immediate medical attention.
4.3	Skin:	Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned.
4.4	Inhalation:	Remove victim to fresh air at once. If breathing is difficult, administer supplemental oxygen and seek immediate medical attention. If breathing stops, perform artificial respiration.
4.5	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, and respiratory system) or impaired kidney function may be more susceptible to the effects of this substance.

## SECTION 5 — FIREFIGHTING MEASURES

5.1	Fire and Explosion Hazards:	Will not burn, but decomposition, which may be caused by heat, will release oxygen which will increase the explosive limit range and burning rate of flammable vapors. As a result of combustion and thermal decomposition, oxidation products may form and exposure to such products may result in health hazards.
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5.2	Extinguishing Methods:	Foam, CO <sub>2</sub> , Water Fog or Dry Chemical.
5.3	Firefighting Procedures:	Fight fires as for surrounding materials. Firefighters should wear a MSHA/NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Fire should be fought from a safe distance. Keep containers cool until well after the fire is out. Cool containers with water spray to prevent pressure build-up, auto-ignition or explosion. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1	Leak and Spill Procedures:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. <b>CAUTION –may be slippery if spilled.</b></p> <p>For <u>small spills</u> (e.g., &lt;1 gallon (3.8 L)), wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</p>
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## SECTION 7 — HANDLING AND STORAGE

7.1	Storage & Handling:	Use normal hygiene practices. Avoid direct skin contact. Wash hands thoroughly after using this product and before eating, drinking, or smoking. Good personal hygiene practices, such as washing any skin contact areas and removing contaminated clothing, are recommended.
7.2	Work & Hygiene Practices:	Keep away from sources of heat.
7.3	Special Precautions:	Follow all instructions on product label. Keep container closed when not in use. Keep this and all chemicals out of reach of children.

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

8.1	Ventilation & Engineering Controls:	Not required under normal conditions of use. Use with adequate ventilation (e.g., open doors and windows, local exhaust ventilation).
8.2	Respiratory Protection:	Not required under normal conditions of use.
8.3	Eye Protection:	Avoid eye contact. Use approved safety glasses or goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
8.4	Hand Protection:	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.
8.5	Body Protection:	Not required under normal conditions of use. Use appropriate protective equipment (e.g., apron) as necessary to prevent or reduce exposure if frequent or prolonged contact is expected; refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.



## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1	Physical State:	Liquid.
9.2	Appearance	Clear water like liquid.
9.3	Odor	No odor.
9.3	Odor Threshold (ppm):	N/A
9.4	Vapor Density:	N/A
9.5	Vapor Pressure:	< 30
9.7	Boiling Point (° C):	100 °C (212 °F) @ 760 mm Hg
9.8	Flashpoint	> 121.11 °C (> 250 °F)
9.9	Upper/Lower Flammability Limits:	ND
9.10	Freezing Point (° C):	N/A
9.11	pH:	2.0-3.0
9.12	Solubility:	Complete
9.13	Relative Density:	1.000 @ 25°C (77°F)
9.14	Partition Coefficient (log P <sub>ow</sub> )	N/A
9.15	Autoignition Temperature:	N/A
9.16	Decomposition Temperature:	N/A
9.17	Viscosity:	N/A
9.18	Other Information:	VOC 0%

## SECTION 10 — STABILITY AND REACTIVITY

10.1	Stability:	Stable under normal conditions of use.
10.2	Incompatible Substances:	Strong oxidizing agents, strong acids and bases.
10.3	Conditions to Avoid:	Strong oxidizers.
10.4	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.5	Hazardous Polymerization:	Will not occur.

## SECTION 11 — TOXICOLOGICAL INFORMATION

11.1	Effects of Acute Exposure:	See section 2.4
11.2	Effects of Chronic Exposure:	See section 2.5
11.3	Irritancy of Product:	See section 2.3
11.4	Routes of Entry:	Inhalation: YES      Absorption: NO      Ingestion: YES
11.5	Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.
11.6	Carcinogenicity:	This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC.
11.7	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
11.8	Teratogenicity:	This product is not reported to produce teratogenic effects in humans.
11.9	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
11.10	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
11.11	Biological Exposure Indices:	NE
11.12	Physician Recommendations:	Treat symptomatically.



## SECTION 12 — ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows: <u>Isopropyl Alcohol</u> : Log K <sub>ow</sub> = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate.
12.2	Plant Toxicity:	There is no specific data available for this product.
12.3	Animal Toxicity:	There is no specific data available for this product.
12.4	Aquatic Toxicity:	Product is expected to rapidly disperse in the aquatic environment.

## SECTION 13 — DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations.
13.2	Special Considerations:	N/A

## SECTION 14 — TRANSPORT INFORMATION

14.1	Special Shipping Information:	Soaps NOI Liquid in cartons Item NMFC 48580 SUB 3 Class 55
14.2	DOT	NOT REGULATED
14.3	IATA	NOT REGULATED
14.4	IMDG	NOT REGULATED

## SECTION 15 — REGULATORY INFORMATION

15.1	Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.2	State Regulatory Information:	No ingredients in this product present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.3	Other Requirements:	<u>Risk Phrases (R)</u> : 22-36/38 –Harmful if swallowed. Irritating to eyes and skin. <u>Safety Phrases (S)</u> : 1/2-24/25-45 – Keep container locked up and out of reach of children. Avoid contact with skin and eyes. In case of accident or if you feel unwell seek medical advice immediately (show label where possible). <u>Poisons Schedule Number</u> : None Allocated. <u>HazChem Code</u> : None.

## SECTION 16

16.1	Other Information:	<b>WARNING! Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. CAUTION – may be slippery if spilled.</b> Wash exposed skin areas thoroughly with soap and water
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Supreme Surface®

# SAFETY DATA SHEET

Page 6 of 6

		after handling. Avoid eye contact. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If skin irritation or a rash occurs – Get medical advice/attention. Store in a well-ventilated place. Keep cool. Use only as directed. <b>KEEP OUT OF REACH OF CHILDREN.</b>
16.2	Last Revision Date:	06/08/17