


**SECTION 1 - IDENTIFICATION**

<b>Product name:</b>	<b>OSR</b>
<b>Product code :</b>	2681-0818
<b>Product use / description :</b>	Anti-Mildew Remover
<b>Chemical name :</b>	Blend
<b>Chemical family</b>	Blend
<b>Suppliers Identification</b>	<b>Aramsco</b> <b>4282 South 590 West</b> <b>Salt Lake City, UT 84123</b> <b>USA</b> <b>1-3680 Odyssey Drive,</b> <b>Mississauga, ON LSM 0Y9</b> <b>Canada</b> <b>Phone#: 1-800-660-5803</b>
<b>Emergency phone number:</b>	InfoTrac United States: 1-800-535-5053 (INFOTRAC – 24 hours, 7 days a week) International: 1-352-323-3500 (INFOTRAC – 24 hours, 7 days a week) Poison Control 1-800-222-1222 (24 hour)

**SECTION 2 - IDENTIFICATION OF RISKS**

<b>Classification</b>	Oxidizing solids - Category 2 Acute toxicity-oral-Category 4 Serious eye damage - Category 1 Skin corrosion / irritation - Category 1 Health hazard not elsewhere classified (corrosion) - Category 1	
<b>Signal Word</b>	DANGER	
<b>Danger mention</b>	H302 H314 H319 H335 H272	Harmful if swallowed Causes severe skin burns and serious eye damage. Causes eye irritation. May cause respiratory irritation May intensify fire, oxidizer Causes serious damage of the airways
<b>Precautionary statement - Prevention</b>	P221  P264 P201 P202  P280	Take any precaution to avoid mixing with combustible material. Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until you read and understand all safety precautions. Wear protective gloves / protective clothing / eye protection / face protection.
<b>Precautionary statement / response</b>	P302+P352  P321  P332+P313  P362+P364 P305+P351+P338	IF ON SKIN: Wash with plenty of water. Specific treatment: Do not neutralize with acid. Rinse with water for 20 minutes, remove jewelry / clothing. If skin irritation: seek medical advice / Consult a physician. Remove contaminated clothing and wash before reuse.
<b>Precautionary statement</b>	P310 P308+P313	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim can and if they can be easily removed. Continue rinsing. Call a POISON CENTER / doctor. IF proven or suspected exposure: Seek medical attention
<b>Precautionary statement</b>	P405 (Stockage)	Store lock up.
<b>Precautionary statement</b>	P501 (Elimination)	Dispose of contents / container in accordance with municipal regulations, provincial / federal.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Hazardous ingredients</b>	<b>No. CAS</b>	<b>% (poids)</b>
Calcium Hypochlorite	7778-54-3	60 – 100 %
Sodium Chloride	7647-14-5	10 – 30 %
Calcium Carbonate	471-34-1	1 – 5 %
Calcium Hydroxide	1305-62-0	1 – 5 %

**SECTION 4 - FIRST AID****Inhalation:**

INHALATION: Corrosive! If it is mixed with acids. Remove to fresh air and keep in a position comfortable for breathing. If respiratory symptoms: Call a POISON CENTER or physician.

**Skin contact:**

IF ON SKIN: Remove contaminated clothing immediately. Rinse with water / shower for 20 minutes. If irritation or rash occurs: Get medical / seek medical advice. Remove clothing / jewelry contaminated and wash before reuse. DO NOT neutralize with acid.

**Eyes contact:**

IF IN EYES: May cause corneal scarring. Rinse cautiously with water for several minutes. Remove contact lenses if the victim can and if they can be easily removed. Continue rinsing. If eye irritation persists, seek medical advice / consult a doctor. DO NOT neutralize with acid.

**Ingestion:**

Causes severe burns in mouth and throat. May be fatal if ingested. NEVER give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Rinse mouth with water. DO NOT INDUCE VOMITING. Ask the victim to drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Continue to drink water. Get medical attention immediately.

**Note to doctor:** Specific treatment: depending on symptoms or as a thermal burn.

**SECTION 5 - MEASURES IN CASE OF FIRE**

<b>Suitable extinguishing media :</b>	In case of fire: Use water. Do not use dry extinguishers containing ammonium compounds. Do not use carbon dioxide or dry chemical.
<b>Unsuitable extinguishing media :</b>	A powerful stream of water directed into the product generates a lot of foam.
<b>Hazardous Combustion Products :</b>	Nitrogen and carbon oxides.
<b>Protective equipment:</b>	Fighting equipment against fire including SCBA NIOSH.
<b>Special precautions :</b>	Retain runoff

**SECTION 6 - MEASURES IN CASE OF SPILL****Personal Protection:**

Wear appropriate breathing apparatus and protective clothing (see Section 8) .Avoid direct contact with the product. Keep non-essential personnel.

**Intervention spill / cleaning :**

Ventilate the spill. Stop the flow if it can be done safely. Contain and absorb with inert absorbent material for later disposal (see section 13). Prevent material from seeping into waterways or sewer. Retain runoff if necessary. Notify the appropriate authorities if necessary.

**Environmental precaution:**

Preventing it from entering sewers, watercourses or in tight spaces. Dispose of as municipal, provincial and federal regulations.

**SECTION 7 - HANDLING AND STORAGE**
**Safe handling procedures:**

The containers must be identified. Manipulate in a well ventilated area. Avoid breathing dust, vapors and mists. Avoid contact with skin and clothing. Keep container closed in leaktight manner. Observe a good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while handling this product or nearby. Wash contaminated clothing before reuse.

**Requirements for storage**

Store in a well-ventilated area. Keep refrigerated. Keep away from incompatible materials. Keep containers closed. Do not expose to temperatures higher than 52 ° C.

**Incompatibles material :** Strong oxidants and acids.

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**
**Exposition limits:**

Ingredient	OSHA PEL		NIOSH REL	
	TWA	STEL	TWA	STEL
Calcium Hypochlorite	Not available	Not available	Not available	Not available
Calcium Carbonate	5mg/m <sup>3</sup>	Not available	5mg / m <sup>3</sup>	Not available
Calcium hydroxide	5mg/m <sup>3</sup>	Not available	5mg / m <sup>3</sup>	Not available

**Engineering controls:**

Ventilation system with exhaust ventilation recommended to maintain concentrations of contaminants below exposure limits.

**Respiratory Protection:**

Respiratory protection is required if the concentrations exceed the exposure limits. Use an approved NIOSH respirator if exposure limits are unknown.

**Clothing and protective equipment:**

Wear protective gloves against chemicals (impervious), and other protective clothing to prevent repeated or prolonged contact with the skin during all handling operations. Wear chemical splash goggles to prevent fog, steam and dust from coming into contact with the eyes. Ensure that eyewash stations, safety and washing facilities are close to the workstation.

**General hygiene Comments:**

Avoid generating high concentrations of dust, mist or vapor. Avoid all contact with skin and eyes. Avoid breathing dust, vapors or mists. Never eat, drink or smoke in workplaces. A good personal hygiene after using this product. Clean clothing before reuse.

**SECTION 9 - PROPRIÉTÉS PHYSIQUES ET CHIMIQUES**



<b>Appearance:</b>	Small round balls dry granules
<b>Odour:</b>	Chlorine
<b>Odour Threshold</b>	Not available
<b>pH :</b>	(sol. 10%) 10.0 – 10.50
<b>Fusion Point</b>	Not available
<b>Boiling Point</b>	Not applicable
<b>Flash point :</b>	Not applicable
<b>Evaporation rate (acétate de butyle = 1):</b>	Not applicable
<b>Flammability :</b>	Not applicable
<b>LIE:</b>	Not applicable
<b>LSI:</b>	Not applicable
<b>Vapour pressure:</b>	Not available
<b>Vapour density</b>	Not available
<b>Relative density :</b>	1.07 – 1.40 g/mL
<b>Solubility :</b>	Soluble in water
<b>Partition Coefficient (n-octanol/eau):</b>	Not available
<b>Auto-inflammation temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Volatiles:</b>	Non disponible
<b>Viscosity</b>	Not applicable

SECTION 10 - STABILITY AND REACTIVITY	
<b>Stability and reactivity :</b>	Stable under recommended and prescribed handling and storage.
<b>Polymerisation:</b>	No
<b>Avoid conditions :</b>	High temperature, sparks and open flames. Sensitive to moisture and heat.
<b>Avoid materials :</b>	Mineral acids, nitrogen-containing compounds ammonia, nitrate, metal oxides. Metal materials containing sulfur. Reacts with primary amines to give nitrogen trichloride. Incompatible with aldehydes and turpentine.
<b>Hazardous decomposition products:</b>	Chlorine gas, hydrogen chloride, oxides of sodium, calcium and chlorine.

SECTION 11 - TOXICOLOGICAL INFORMATION				
<b>TOXICOLOGY DATA:</b>				
<b>Hazardous Ingredients</b>	<b>No. CAS</b>	<b>% (poids)</b>	<b>DL<sub>50</sub> (voie, espèce)</b>	<b>CL<sub>50</sub> (espèce)</b>
Calcium Hypochlorite	7778-54-3	60 – 100%	850 mg/Kg (Oral rat) >1000 mg/Kg (dermal lapin)	875 mg/m <sup>3</sup> (inhalation rat, 4h)
Sodium Chloride	7647-14-5	10 – 30%	3000 mg /Kg (Oral rat)	
<b>Route of administration</b> Inhalation, skin, eye, ingestion.				
<b>Effects of short-term (acute):</b>				
<b>Inhalation:</b>	May cause respiratory tract irritation. Can cause breathing difficulties.			
<b>Skin:</b>	Causes skin irritation. Redness, swelling, chemical burns.			
<b>Eyes</b>	Causes skin irritation. Redness, swelling, chemical burns..			
<b>Ingestion:</b>	Causes irritation of the mouth, throat and digestive tract.			
<b>Effects of long-term (chronic) exposure:</b>				
<b>Inhalation:</b>	Not available			
<b>Skin:</b>	Not available			
<b>Eyes</b>	Not available			
<b>Ingestion:</b>	Not available			
<b>Carcinogenicity</b>	Not available			
<b>Teratogenicity</b>	Not available			
<b>Mutagenicity</b>	Not available			
<b>Target organs</b>	Not available			
<b>Conditions aggravated by exposure:</b>	Not available			

SECTION 12 - ECOLOGICAL DATAS				
<b>Hazardous ingredients</b>	<b>No. CAS</b>	<b>% (poids)</b>	<b>Valeur</b>	<b>Espèce</b>
Calcium Hypochlorite	7778-54-3	60 – 100%	37µg/L	Capucette, 96h
<b>Persistence and biodegradation</b>	Not Available			
<b>Bioaccumulation potential:</b>	Not Available			
<b>Mobility in soil:</b>	Not Available			
<b>Other adverse effects:</b>	Not Available			

SECTION 13 - DISPOSAL OF THE PRODUCT	
<b>Conditions of storage and handling of waste:</b>	Store material for disposal and contaminated packaging as indicated in Section 7 Handling and Storage.
<b>Elimination methods :</b>	The elimination of all waste should be in accordance with municipal, provincial and federal.

SECTION 14 - TRANSPORT INFORMATIONS				
Numéro ONU	Official designation	Class	Packaging group	Placard
UN1748	CALCIUM HYPOCHLORITE, DRY	5.1	III	
Exemption regulation LIMITED QUANTITY 1.17 < 5 Kg (TRANSPORT+ CARGO)				

SECTION 15 - REGULATIONS INFORMATIONS	
Information on Canadian law the Environmental Protection Act (CEPA):	The components of the product are listed on the Domestic Substances List (DSL), the Domestic Substances List (NDSL) or exempt
<b>Others :</b>	The components of this product are listed on the TSCA or are exempt list.

SECTION 16 - OTHER INFORMATIONS	
<b>Prepare by :</b>	Manufacturer
<b>Phone number:</b>	
<b>Date :</b>	January 24, 2020
<b>Version:</b>	1.0
<b>Abbreviations:</b>	
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CL / LC	Concentration létale /Lethal concentration
DL / LD	Dose létale / Lethal dose
IARC	International Agency for Research on Cancer
LES	Liste extérieure des substances (NDSL)
LIS	Liste intérieure des substances (DSL)
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
SIMDUT	Système d'information sur les matières dangereuses utilisées au travail
STEL	Short-term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USEPA	United States Environmental Protection Agency
WHMIS	Workplace Hazardous Materials Information System

All information indicated in the present document are based on data supplied by recognized technical sources. While the information is believed to be accurate, the manufacturer makes no representations as to its accuracy or sufficiency. Users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.