



Naturflect Natural Solutions Inc.
603 Michigan Drive
OAKVILLE, ON, L6L 0G2
CANADA
905-320-2878

PRODUCT: Moldonix - (sodium hypochlorite solution)

SECTION 01: IDENTIFICATION

SUPPLIER IDENTIFIER..... Naturflect Natural Solutions Inc.
603 Michigan Drive
Oakville ON. L6L 0G2
Canada
905-320-2878

PRODUCT IDENTIFIER..... Moldonix - (sodium hypochlorite solution)

OTHER MEANS OF IDENTIFICATION.... Not available.

RECOMMENDED USE..... Removing Mold Stains.

RESTRICTIONS ON USE..... Not available.

EMERGENCY TELEPHONE NUMBER.... (905) 320-2878.

SECTION 02: HAZARD IDENTIFICATION



HAZARD CLASSIFICATION..... Skin Irritation — Category 2. Eye Damage/Irritation - Category 1.

SIGNAL WORD..... Danger.

HAZARD STATEMENT..... H315 Causes skin irritation. H318 Causes serious eye damage.

PRECAUTIONARY STATEMENT..... P264 Wash thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash before reuse. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+311: If exposed or concerned: Call a POISON CENTER/Doctor.

OTHER HAZARDS..... No specific data available.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Sodium Hypochlorite	7681-52-9	>95
Alkyldimethylamine oxide	70592-80-2	<5

SECTION 04: FIRST-AID MEASURES

ROUTES OF EXPOSURE

INHALATION..... If breathing stops or if breathing is difficult, provide artificial respiration or give oxygen by trained personnel.

INGESTION..... Do Not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

SKIN CONTACT..... Remove contaminated clothing immediately. Wash off immediately with plenty of water for at least 15 minutes . Call a physician or poison control center immediately.

EYE CONTACT..... Remove any contact lenses. If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. Get immediate medical attention. Call a physician immediately.

SYMPTOMS AND EFFECTS..... Not expected under normal conditions of use.

IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT Treat symptomatically.

SECTION 05: FIRE-FIGHTING MEASURES

SUITABLE AND UNSUITABLE Carbon dioxide. Dry chemical. Alcohol resistant foam.

EXTINGUISHING MEDIA

HAZARDOUS COMBUSTION PRODUCTS Thermal decomposition can lead to release of irritating gases and vapors, Carbon monoxide, Carbon dioxide .

SPECIFIC HAZARDS..... No specific data.

PRODUCT: Moldonix - (sodium hypochlorite solution)**SECTION 05: FIRE-FIGHTING MEASURES**

SPECIAL PROTECTIVE EQUIPMENT Wear self-contained breathing apparatus and protective clothing.
 AND PRECAUTIONS FOR
 FIRE-FIGHTERS

SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS & Use personal protective equipment. Ventilate the area.
 PROTECTIVE EQUIPMENT
 EMERGENCY PROCEDURES..... Prevent further leakage or spillage if safe to do so.
 METHODS AND MATERIALS FOR Wash residue from spill area with water containing detergent and flush to a sewer serviced
 CONTAINMENT AND CLEANING UP by a permitted wastewater treatment facility.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING.. Wear personal protective equipment.
 CONDITIONS FOR SAFE STORAGE..... Store in accordance with local regulations.
 INCOMPATIBILITIES..... Strong oxidizing agents.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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Sodium Hypochlorite

3 mg/m³

APPROPRIATE ENGINEERING Use in a well-ventilated area.
 CONTROLS
 PERSONAL PROTECTIVE EQUIPMENT
 RESPIRATORY PROTECTION..... Use a properly fitted respirator equipment complying with an approved standard.
 Respirator selection must be based on known or anticipated exposure levels, the hazards
 of the product and the safe working limits of the selected respirator.
 HAND PROTECTION..... Chemical-resistant, impervious gloves complying with an approved standard.
 EYE PROTECTION..... Use close fitting safety goggles complying with an approved standard.
 SKIN PROTECTION..... Wear suitable protective clothing and suitable protective footwear.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE..... Clear liquid.
 ODOUR..... Lemon/Chlorine.
 ODOUR THRESHOLD..... Not available.
 pH..... 12-13.
 MELTING POINT..... Not available.
 FREEZING POINT..... Not available.
 BOILING POINT..... Not available.
 BOILING RANGE..... Not available.
 FLASH POINT..... Not applicable.
 EVAPORATION RATE..... Not available.
 FLAMMABILITY (SOLIDS AND GASES).. Non flammable.
 UPPER FLAMMABILITY LIMIT..... Not available.
 LOWER FLAMMABILITY LIMIT..... Not available.
 VAPOUR PRESSURE..... Not available.
 VAPOUR DENSITY..... Not available.
 SOLUBILITY..... Not available.
 PARTITION COEFFICIENT - Not available.
 N-OCTANOL/WATER
 AUTO-IGNITION TEMPERATURE..... Not available.
 DECOMPOSITION TEMPERATURE..... Slowly decomposes above 40 °C.
 VISCOSITY..... Not available.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY..... No specific test data related to reactivity available for this product or its ingredients.
 CHEMICAL STABILITY..... Stable under normal conditions.
 POSSIBILITY OF HAZARDOUS Under normal conditions of storage and use, hazardous reactions will not occur.
 REACTIONS
 CONDITIONS TO AVOID..... Heating above decomposition temperature.
 INCOMPATIBLE MATERIALS..... Strong oxidizing agents.
 HAZARDOUS DECOMPOSITION Under normal conditions of storage and use, hazardous decomposition products should not
 PRODUCTS be produced.

PRODUCT: Moldonix - (sodium hypochlorite solution)**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
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Sodium Hypochlorite

> 5250 mg/m³ (rat. 4h)

8910 mg/kg (oral, rat, neat) 7540 mg/kg (oral, mouse, 50% solution) > 10,000 mg/kg (dermal, rabbit, neat)

ROUTES OF EXPOSURE

EYE CONTACT.....	Irritating to eyes.
SKIN CONTACT.....	Irritating to skin.
INHALATION.....	No known significant effects or critical hazards.
INGESTION.....	Not available.
SYMPTOMS.....	May cause skin and eye irritation.
TOXICOLOGICAL CHARACTERISTICS	
IRRITATION/CORROSION.....	May cause skin/eye irritation .
CARCINOGENICITY.....	No known significant effects or critical hazards.
SENSITIZATION.....	No known significant effects or critical hazards.
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)	No known significant effects or critical hazards.
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)	No known significant effects or critical hazards.
ASPIRATION HAZARD.....	No known significant effects or critical hazards.
DELAYED AND IMMEDIATE EFFECTS...	No known significant effects or critical hazards.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY.....	Very toxic to aquatic life.
PERSISTENCE AND DEGRADABILITY...	Not available.
BIOACCUMULATIVE POTENTIAL.....	No data available.
MOBILITY IN SOIL.....	No data available.
OTHER ADVERSE EFFECTS.....	No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

HANDLING PROCEDURES.....	The generation of waste should be avoided or minimized wherever possible.
METHODS OF DISPOSAL.....	Dispose in accordance with local, regional, national, international regulations.
CONTAMINATED PACKAGING.....	Since empty containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORT INFORMATION

TDG / DOT.....	Regulated.
UN NUMBER.....	UN1791.
PROPER SHIPPING NAME.....	HYPOCHLORITE SOLUTION.
CLASS.....	8.
PACKING GROUP.....	III.
IMDG.....	Not available.
UN NUMBER	
PROPER SHIPPING NAME	
CLASS	
PACKING GROUP	
IATA.....	Not available.
UN NUMBER	
PROPER SHIPPING NAME	
CLASS	
PACKING GROUP	
ENVIRONMENTAL HAZARDS.....	Harmful to aquatic life.
TRANSPORT IN BULK ACCORDING TO ANNEX II MARPOL 73/78 AND THE IBC CODE	Not available.
SPECIAL PRECAUTIONS.....	Read safety instructions, SDS and emergency procedures before handling.

SECTION 15: REGULATORY INFORMATION

DSL.....	All components are listed or exempted.
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SECTION 16: OTHER INFORMATION

DISCLAIMER..... All information in this SDS is based upon data obtained from the manufacturer and/or recognized technical sources. This information is believed to be accurate and is offered only as a guide to the handling of this specific material and conditions. The use and handling of this material may require alternate and additional considerations. No warranty of any kind is given or implied and the company will not be liable for any damages, losses, injuries or consequential damages which may result from the information contained herein.

PREPARED BY..... Regulatory Affairs
LATEST REVISION..... 2021-04-22