

SAFETY DATA SHEET



SECTION 1 - IDENTIFICATION		
Product identifier:	ON & GONE	
Product code:	ON & GONE	
Recommended use:	Mould and Mildew liquid Stain Remover	
Chemical name :	Mixture	
Chemical group:	Mixture	
Supplier identifier:	9511342 Canada Inc. Mold Science Technologies 12440 rue Gratton Montréal, Québec H1B 1J5 514-642-5842	
Manufacturer identifier:	9511342 Canada Inc. Mold Science Technologies 12440 rue Gratton Montréal, Québec H1B 1J5 514-642-5842	
Emergency phone:	Canutec (613) 996-6666 24 hrs	
SECTION 2 - HAZARD IDENTIFICATION		
Classification	Skin corrosion / irritation - Category 2 Severe eye damage / eye irritation - Category 2A Respiratory tract irritation - Category 3	
Signal word	DANGER	
Hazard statement	H315 Causes skin irritation H319 Causes serious eye damage H335 May cause respiratory tract irritation H401 Toxic to aquatic life	
Precautionary statement - Prevention	P264 Wash hands thoroughly after handling. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection.	
Precautionary statement - Response	P302+P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment: DO NOT neutralize with acid. Flush with running water for 20 minutes, removing jewellery and/or clothing. 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. P310 Immediately call a POISON CENTER/doctor. P308+P313 IF exposed or concerned: Get medical advice/attention.	
Precautionary statement - Storage	P405 Store locked up.	
Precautionary statement - Elimination	P501 Dispose contents/containers according to municipal, provincial and federal regulations.	
SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous product	No. CAS	% (weight)
Sodium Hypochlorite	7681-52-9	3 - 7 %

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SECTION 4 - FIRST AID MEASURES

Inhalation:

IF INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.

Skin contact:

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water for 20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing/ jewellery and wash it before reuse. DO NOT neutralise with acid.

Eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. DO NOT neutralise with acid.

Ingestion:

NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.

Note au physician: Specific treatment: treat symptomatically or as a thermal burn.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire: Use water, foam, CO₂, dry chemicals to extinguish.

Unsuitable extinguishing media:

Stream of water directed into the product will generate large amounts of foam.

Hazardous combustion products :

Carbon oxides, nitrogen oxides.

Protective equipment :

Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.

Precautions:

Retain water run-off.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protective equipment:

Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.

Containment and clean up:

Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.

Environmental precautions:

Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:

Containers must be identified correctly. Handle in a well ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.

Conditions for safe storage:

Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.

Incompatible materials : Strong oxidants, acids.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

Ingredient	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Sodium Hypochlorite	Not available	Not available	5mg / m ³	Not available
	Not available	Not available	Not available	Not available
	Not available	Not available	Not available	Not available

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Engineering controls:

Local ventilation system is recommended to maintain concentrations of contaminants below exposure limits.

Protection of airways:

Respiratory protection is required if concentration are above exposure limits. Use a NIOSH approved autonomous respiratory apparatus if exposure limits are unknown.

Protective equipment and clothing:

Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Insure that eyewash stations, showers and cleaning stations are near to work station.

General hygiene recommendations :

Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellowish transparent liquid
Odour :	Chlorine
Odour threshold:	Not available
pH (sol. 10%) :	>12
Melting point:	Not applicable
Initial boiling point:	Not applicable
Flash point:	Not applicable
Evaporation rate (butyl acetate = 1):	Not available
Flammability:	Not applicable
LIL:	Not applicable
UIL:	Not applicable
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Relative density:	1.10 - 1.15 g / mL
Solubility:	Not soluble
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	< 100 cPs

SECTION 10 - STABILITY AND REACTIVITY

Stability and reactivity :	Stable under recommended conditions and expected usage.
Polymerisation:	No.
Conditions to avoid :	Contact with metals and acids product. Avoid heat and sunlight.
Incompatible materials :	Strong oxidants, acids.
Hazardous decomposition products :	Carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological data:				
Hazardous ingredient	CAS	% (weight)	DL₅₀ (route, species)	CL₅₀ (species)
Sodium Hypochlorite	7681-52-9	3 - 7 %	>10,000 mg / Kg (Dermal lapin) > 13,000 mg / Kg (Oral rat)	Not available
Short term exposure (acute) :				
Inhalation:	May irritate respiratory tract. May cause difficulties breathing.			
Skin:	Causes skin irritation. Redness, oedema, chemical burns.			
Eyes:	Causes serious eye damage. Redness, tearing, chemical burns.			
Ingestion:	Causes irritation of mouth, throat, and digestive tract.			

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Long term exposure (chronic) :	
Inhalation:	Not available
Skin:	Not available
Eyes:	Not available
Ingestion:	Not available
Carcinogenicity :	Not available
Teratogenicity:	Not available
Mutagenicity:	Not available
Target organ:	Not available
Conditions aggravated by exposure :	Not available

SECTION 12 - ECOLOGICAL INFORMATION				
Hazardous ingredient	CAS	% (weight)	Value	Species
Sodium Hypochlorite	7681-52-9	3 - 7 %	2.1 mg/L	Daphnia magna, 96hr
Persistence and degradability :		Not available		
Bioaccumulation potential:		Not available		
Mobility in soil:		Not available		
Other adverse effects :		Not available		

SECTION 13 - DISPOSAL CONSIDERATIONS	
Safe handling for disposal:	Store materials for elimination and contaminated packaging as indicated in Section 7 Handling and Storage.
Methods of disposal :	Dispose contents/containers according to all municipal, provincial and federal regulations.

SECTION 14 - TRANSPORT INFORMATION				
UN Number	Proper shipping name	Class	Packing group	Placard
UN1760	CORROSIVE LIQUID N.O.S. (Sodium Hypochlorite)	8	III	
Limited quantity exemption under regulation 1.17 5 L				

SECTION 15 - REGULATORY INFORMATION	
Canadian Environmental Protection Act (CEPA):	Components of this product are listed in the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt.
Others :	Components of this product are listed on the TSCA or are exempt. PCP # 32162

SECTION 16 - OTHER INFORMATION	
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Abbreviations:	
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CL / LC	Concentration létale /Lethal concentration

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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.