



# TECHNICAL DATA SHEET

Revision: 14/07/2017

## SALT GONE

## PROFESSIONAL CLEANING SYSTEMS

### SALT REMOVER

#### application

Corrosion inhibitor for petrol and diesel engines.

SALT GONE can safely be used on all metals, fibreglass, paint, rubber, plastic and chrome.

SALT GONE mixed with water, washes away the salt that leaves a protective film on surfaces.

#### Directions for use

- Flushing of motors, use 100 ml per motor via ventury system.
- For external use mix 100 ml to 1 litre. Shake before use.

#### PRODUCT DESCRIPTION

- SALT GONE is a water-based, non hazardous, biodegradable solution and contains properties that dissolve, release and remove salt crystals from any surface.

#### PROPERTIES

- APPEARANCE: Clear Blue Liquid
- COLOUR: Blue
- FLASH POINT: None
- MELTING POINT: Liquid

#### CAUTION

- Store in cool place dry place away from the sun and foodstuffs.
- Keep out of reach of children.

For more detailed safety instructions, refer to our Material Safety Data Sheet

We believe that the product referred to herein, will perform the function/s for which they are intended, but do not, in any way guarantee or warrant that they will do so, as conditions of actual use are beyond our control, under no circumstances shall we be liable for any consequential loss of profits arising from their use.

## SAFETY DATA SHEET



## SALT GONE

## 1 Product Identification

Trade name: Salt Gone  
 Chemical abstract number: N/A  
 NIOSH number: N/A  
 Synonyms: Salt Remover  
 Issue Date: 14 July 2017

## 2 Company Information

Manufacturer's Name: DynaChem (Pty) Ltd  
 Address: P.O. Box 209  
 EPPINGDUST, 7475  
 CAPE TOWN  
 Telephone Number: (021) 534 6363  
 Fax: (021) 534 6367  
 Emergency Telephone: 082 826 2241  
 e-Mail: [stratis@dynachem.co.za](mailto:stratis@dynachem.co.za)  
 Website: [www.dynachem.co.za](http://www.dynachem.co.za)

## 3 Composition

Hazardous component(s)	CAS No.	Concentration	Threshold Limit	Classification
Sodium Nitrite	7632-00-0	2-5%	N/A	
1-(3-methoxypropoxy) propoxy	97502-89-1	5-10%		
Ethoxy Butane				
Amine Oxide	61788-90-7	3-7%		
Dipropylene Glycol Methyl Ether	34590-94-8	3-5%		

## 4 Hazardous Identification

Main Hazard: Non flammable  
 Flammability: No  
 Chemical Hazard: No  
 Biological Hazard: No  
 Reproductive Hazard: No  
 Health effects – eyes: Irritation, pain, redness, blurred vision.  
 Health effects – skin: Irritation, drying, flaking of skin.  
 Health effects – ingestion: Nausea, headache, vomiting, and abdominal pains.  
 Health effects – inhalation: Dizziness, headache.  
 Carcinogenicity: No  
 Mutagenicity: No  
 Neurotoxicity: No

## 5 First Aid Measures

Product in eye:	Flush with water thoroughly for 15 minutes and open eyelids; seek medical attention for irritation and swelling.
Product on skin:	Wash with soap and water. Wash contaminated clothing. Seek medical attention for irritation and swelling.
Product ingested:	Do not induce vomiting. Rinse mouth and drink 2-3 glasses of water and seek immediate medical attention.
Product inhaled:	Remove to fresh air. Give oxygen if breathing difficult. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Seek medical advice.

## 6 Fire Fighting Measures

Extinguisher Media:	Foam, water spray, fog or dry agent (carbon dioxide, dry chemical powder.)
Specific hazards:	Poisonous nitrogen oxides may be formed in fire situations.
Protective Clothing:	Full protective clothing and self-contained breathing apparatus.

## 7 Accidental Release Measures

Personal precautions:	Wear protective clothing as indicated in next section.
Environmentally precautions:	Use well ventilated areas. Prevent soil contamination.
Spills:	Absorb spill in sand or other inert material such as PEAT SORB (also available). Prevent from entering water systems. Hold for disposal in a suitable container.

## 8 Handling and Storing

Occupational Exposure Limits:	Use in well ventilated areas.
Engineering Control Measures:	No information found
Personal Protection – respiratory:	If not well ventilated, wear a half mask respirator with organic vapour cartridge and built in particle filter.
Personal Protection – hand:	PVA gloves.
Personal Protection – eyes:	If splashing probable, wear chemical safety goggles.
Personal Protection – skin:	Apron, boots, overall – prevent skin and eye contact.
Other Protection:	Store away from acids and foodstuffs. Always wash hands after handling prior to eating, drinking, smoking or going to the toilet.

## 9 Chemical and Physical Properties

Appearance:	Clear blue liquid
Odour:	Solvent
pH:	8.0 – 10.0
Boiling Point:	No information found
Melting Point:	Liquid
Flash Point:	none
Flammability:	No
Auto flammability:	No
Explosive Properties:	No
Oxidizing Properties:	No
Vapour Pressure:	No information found
Specific Gravity:	1.02
Solubility in Water:	Total
Solubility – Coefficient:	N/A
Neurotoxicity:	No

## 10 Stability and Reactivity

Stability:	Stable under normal storage conditions.
Incompatible Materials:	Acids
Hazardous decomposition products:	Oxides of Nitrogen may be produced.

## 11 Toxicological Information

Acute toxicity:	Ingestion: Swallowing may result in nausea, vomiting and may cause methaemoglobin formation in the blood, motor activity changes, coma, and decreased blood pressure with possible pulse rate increase without fall in blood pressure, dilution of veins and arteries and convulsions.
Skin and eye contact:	Skin and eye irritation.
Inhalation:	Inhalation of mists may result in respiratory irritation.
Chronic toxicity:	No data available
Toxicity Data:	For component Sodium Nitrite the following information is available. A lethal dose for adults of Sodium Nitrite is 4-6 grams with a lower dose for children. Oral LD50 = 85-100gm/kg (Rat). Inhalation LC50 = 5.5 mg/m <sub>3</sub> (Rat)



## 12 Ecological Information

Aquatic toxicity – fish:	Flow through <i>Salmo gairdneri</i> , syn: <i>Onchorynchus mukiss</i> /LC50 (96hr): 0.56-1.78 mg/l
Aquatic toxicity – daphnia:	Method OECD Guideline 202, part 1 static <i>Daphnia magna</i> /EC50 (48hr): approx 12.5-100 mg/l
Aquatic toxicity – algae:	Static <i>Scenedesmus quadricauda</i> /Toxic limit concentration (192hr): 1230 mg/l
Persistence/Degradability:	Inorganic product which cannot be eliminated from water by biological purification processes. Can be oxidized to nitrate, or be reduced to nitrogen, by microorganisms.
Bio-accumulation:	No significant accumulation in organisms is expected as a result of the distribution coefficient of n-octanol/water (log $P_{ow}$ -3.7)
Bacteria:	Effect on activated sludge: OECD guideline 209 aquatic EC20 (30 min) >1800 mg/l Avoid contaminating waterways.

## 13 Disposal Considerations

Disposal methods:	Dispose of at approved landfill sites or in accordance with local regulations.
Disposal of packaging:	Wash and recycle or dispose of at approved landfill sites.

## 14 Transportation Information

UN No.:	
Substance identity no.:	N/A
ADR/RID class:	N/A
ADR/RID item no.:	N/A
ADR/RID hazard identity no.:	N/A
IMDG – shipping name:	Classified as Non Dangerous Goods for the purpose of transport by road or rail.
IMDG – class:	N/A
IMDG – packaging group:	N/A
IMDG – marine pollutant:	Yes
IMDG – EMS no.:	N/A
IMDG – MFAG table no.:	N/A
IATA – shipping name:	N/A
IATA – class:	N/A
IATA – subsidiary risk(s):	N/A
ADNR – class:	N/A
UK – emergency action class:	N/A
Tremcard no.:	N/A

## 15 Regulatory Information

Hazard Category:	Harmful Xn
Risk phases:	R22
Safety phases:	S1/2, S45, S61
National legislation:	N/A



16	Other Information
	<p>To the best of our knowledge, the information contained herein is correct. We do not assume any liability for the consequences of its use since the information may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available following the issuance of this document could suggest modification of the information. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. All materials may present unknown hazards and should be used with caution.</p> <p>We believe that the product referred to herein, will perform the function/s for which they are intended, but do not, in any way guarantee or warrant that they will do so, as conditions of actual use are beyond our control, under no circumstances shall we be liable for any consequential loss of profits arising from their use.</p> <p>N/A = Not Available</p>

