



MATERIAL SAFETY DATA SHEET
8100 / 8101 / 8102

Canutec 1-613-996-6666 (24 hours)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification : 8100 / 8101 / 8102
Product name : AQUA RENEW
Chemical family : Mixture
Supplier / Manufacturer : Auto-Chem Inc.
33 de Lyon
Repentigny, QC, Canada
J5Z 4Z3
Tel : 450-654-9292
Fax : 450-654-0633
www.autochem.com
Contact : Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS</u>	<u>Percentage</u>	<u>Exposure limits</u>
Aryl and alkyl polydimethylsiloxane	63148-62-9	10 – 30	LD50 > 17000mg/kg, rat, oral

3. HAZARDS IDENTIFICATION

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects :

Eye contact : Direct eye contact may cause temporary discomfort with mild redness and dryness.
Skin contact : A single prolonged exposure (24 to 48 hours) causes no known adverse effect.
Inhalation : No irritation to respiratory passages is expected from relatively short exposures of less than 8 hours.
Ingestion : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Potential chronic health effects :

Eye contact : None known.
Skin contact : None known.
Inhalation : None known.
Ingestion : None known.

4. FIRST AID MEASURES

Eyes : Rinse immediately with water or saline solution 15 to 20 minutes by lifting upper and lower eyelids. Remove contact lenses. Obtain medical attention if irritation develops.

Skin : In case of direct contact, rinse with running water 15 to 20 minutes. Remove contaminated clothing and wash with soap and water.

Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. In case of respiratory or cardiac arrest, start cardio-pulmonary resuscitation and obtain medical attention. If discomfort occurs, obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash point : > 200 C (Pensky Martens, closed cup)
Auto-ignition temperature : Not applicable.
Flammability limits – air (%) : LEL: UEL:
Extinguishing media : Carbon dioxide, water spray. Dry chemical foam water can be used to cool exposed containers.
Protective equipment : Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Hazardous combustion materials : Silicon oxides, carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

Small spill : Collect for disposal. Clean up remaining material from spill with suitable absorbent. Clean area as appropriate since some silicone materials may present a slip hazard. Final cleaning may require steam, solvents or detergents.

Large spill : Provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material may present a slip hazard. Final cleaning may require steam, solvents or detergents.

7. HANDLING AND STORAGE

Handling : Safety glasses and PVC gloves.

Storage : Keep container closed. Keep from freezing or extreme temperatures.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : General ventilation is recommended.

Personal protection equipment for routine handling :

Eye : Safety glasses.
Skin : Washing at mealtime and end of shift is adequate.
Gloves : PVC
Inhalation : No respiratory protection should be needed.

Personal protection equipment for spills :

Eyes : Safety glasses or goggles.
Skin : Washing at mealtime and end of shift is adequate.
Gloves : PVC
Inhalation : No respiratory protection should be needed. If working in an enclosed space, an autonomous breathing mask is required.

Note : These precautions are for room temperature handling. Use at elevated temperatures of aerosol spray applications may require added protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Liquid
Colour :	Milky white
Odour :	Lime
pH @ 1% :	Not determined.
Relative density (g/cm ³) :	1.0
Boiling point :	100 C
Freezing point :	0 C
Vapour pressure :	Not determined.
Volatiles (weight) :	Not determined.
Solubility (water) :	Dispersible.
VOC (%) :	Not determined.
Viscosity :	Not determined.

10. STABILITY AND REACTIVITY

Chemical stability :	Stable.
Hazardous polymerization :	Will not occur.
Conditions to avoid :	None known.
Materials to avoid :	None known.
Dangerous decomposition products :	Silicone oxides, carbon oxides.

11. TOXICOLOGICAL INFORMATION

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Ingestion : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Potential acute health effects :

Carcinogenic effects : None known.

Mutagenic effects : None known.

Teratogenic effects : None known.

12. ECOLOGICAL INFORMATION

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or public waterways. Block off drains and ditches. Spill areas must be cleaned and restored to original condition or to the satisfaction of authorities.

13. DISPOSAL CONSIDERATIONS

Waste disposal method : Dispose according to municipal, provincial and federal regulations.

Contaminated packaging : According to municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

WHIMS : Not subject to WHIMS.

DSL : All components of this product are either on the Domestic Substance List (DSL), the Non-Domestic Substance List (NDSL) or exempt.

TSCA : U.S. TSCA Inventory Status : All components of this product are either on the Toxic substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

Prepared by : Auto-Chem Inc.

Date : Sept. 2015

Notice to reader :

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Auto-Chem makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Auto-Chem's control and therefore users are responsible to verify this data under their own operation conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. 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.