




**SAFETY DATA SHEET**

**1 – IDENTIFICATION**

IDENTIFIER	AQUA SHINE +
PRODUCT CODE	8020, 8021, 8022, 8023
RECOMMENDED USE	One step cleaner wax.
RESTRICTIONS ON USE	Use only outdoors or in a well-ventilated area.
SUPPLIER / MANUFACTURER	AUTO-CHEM INC 33 de Lyon Repentigny, QC J5Z 4Z3 450-654-9292 www.autochem.com
EMERGENCY TELEPHONE	CANUTEC 1-613-996-6666 (24 hours)

**2 – HAZARD IDENTIFICATION**

CLASSIFICATION	Flammable liquids 4 Eye irritation 2B Specific target organ toxicity, single exposure; Respiratory tract irritation 3 Hazardous to the aquatic environment, acute hazard 2	
LABEL ELEMENTS		
SIGNAL WORD	WARNING	
HAZARD STATEMENT	H227 H320 H335 H401	Combustible liquid. Causes eye irritation. May cause respiratory irritation. Toxic to aquatic life.
PRECAUTIONARY STATEMENTS – PREVENTION	P210 P261 P264 P271 P273 P280	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapours. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves / protective clothing / eye protection / face protection.
PRECAUTIONARY STATEMENTS – RESPONSE	P370+P378 P305+P351+P338  P337+P313 P304+P340	In case of fire: Use water spray, CO2 to extinguish. 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. IF INHALED: Remove person to fresh air and keep

	P312	comfortable for breathing. Call a POISON CENTER / doctor if you feel unwell.
PRECAUTIONARY STATEMENTS – STORAGE	P403+P233 P405	Store in a well-ventilated place. Keep container tightly closed. Store locked-up.
PRECAUTIONARY STATEMENTS - ELIMINATION	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
OTHER HAZARDS	Not applicable	

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S	CONCENTRATION
Petroleum distillate, hydrotreated light	64742-47-8	15 – 40 *
Solvent naphtha petroleum, medium aliphatic C9-C12	64742-88-7	1 – 5 *

\* TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

### 4 – FIRST AID MEASURES

ROUTE OF EXPOSURE	Inhalation, eyes, skin, ingestion
-------------------	-----------------------------------

INHALATION	IF INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
DERMAL	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
OCULAR	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.
ORAL	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 TO PHYSICIAN	Specific treatment: treat symptomatically.

### 5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	CO2, water spray. Dry chemical powder or water may be used to cool containers.
UNSUITABLE EXTINGUISHING MEDIA	A direct water jet may disperse product.
SPECIFIC HAZARDS	Carbon oxides, silica oxides, acrid smoke.
PROTECTIVE EQUIPMENT	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
PRECAUTIONS	Do not let water run-off reach sewers, ditches or waterways. Heat can increase pressure and cause containers to burst.

### 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 runoff if applicable. Inform proper authorities if necessary.
ENVIRONMENTAL PRECAUTIONS	Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

## 7 – HANDLING AND STORAGE

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.
STORAGE	Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.
INCOMPATIBLE MATERIALS	Strong oxidizing agents, acids, alkalis.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
Petroleum distillate, hydrotreated light	64742-47-8	ACGIH	TWA 197 ppm (1200 mg/m <sup>3</sup> )
Solvent naphtha petroleum, medium aliphatic C9-C12	64742-88-7	ACGIH OSHA	TWA 100 ppm TWA 100 ppm

ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels to an acceptable level.
RESPIRATORY PROTECTION	Maintain atmospheric concentrations below exposure limits. If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.
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.
OCULAR PROTECTION	Chemical goggles; also wear a face shield if splashing hazard exists.
GENERAL HYGIENE RECOMMENDATIONS	Ensure that eyewash stations and safety showers are proximal to the work-station location. 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.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White gel, opaque.
ODOUR	Solvent.
ODOUR TRESHOLD	Not available.
pH (10% in water)	8.27
MELTING / FREEZING POINT	Not determined.
INITIAL BOILING POINT	Not available.
FLASH POINT	63°C
EVAPORATION RATE	Not available.
FLAMMABILITY	Combustible.
LOWER FLAMMABLE/EXPLOVISE LIMIT	Not determined.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not determined.
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	Not available.
RELATIVE DENSITY	0.89
SOLUBILITY (in water)	Not soluble.
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
DECOMPOSITION TEMPERATURE	Not available.
VOC	305 g/L (342.8 KG/KG)
VISCOSITY	35000 cPs

## 10 – STABILITY AND REACTIVITY

REACTIVITY	Stable under recommended usage.
CHEMICAL STABILITY	Stable under normal usage conditions.
HAZARDOUS REACTIONS	Polymerization will not occur.
CONDITIONS TO AVOID	Incompatible materials, heat sources, ignition sources.
INCOMPATIBLE MATERIALS	Strong oxidants, acids, alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides, silica oxides.
ADDITIONAL INFORMATION	None.

## 11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	Vapours moderately irritating to the respiratory tract.
DERMAL	Not a primary irritant for short term exposure.
OCULAR	Eye irritation. Redness, pain, tearing. Vapours are moderately irritating to the eyes.
ORAL	May cause gastric distress if ingested in large quantities.
CHRONIC EFFECTS	

INHALATION	No data.		
DERMAL	May defat the skin.		
OCULAR	No data.		
ORAL	No data.		
ADDITIONAL INFORMATION			
CARCINOGENIC EFFECTS (IARC)	Petroleum distillate, hydrotreated light	64742-47-8	Group 3: Not classifiable as to its carcinogenicity to humans.
MUTAGENIC EFFECTS	No data.		
TERATOGEN EFFECTS	No data.		
REPRODUCTION	No data.		
SENSIBILISATION	No data.		
TARGET ORGANS	No data.		
AGGRAVATED CONDITIONS	No data.		
SYNERGISTIC SUBSTANCES	No data.		

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Petroleum distillate, hydrotreated light	64742-47-8	>5000, rat	>3000, rabbit	No data.
Solvent naphtha petroleum, medium aliphatic C9-C12	64742-88-7	>6216, rat	>3018, rabbit	>14.1 mg/L, 4h, rat

## 12 – ECOLOGICAL INFORMATION

Petroleum distillate, hydrotreated light	64742-47-8
LC50 2.2 mg/L, 96h, static	Lepomis macrochirus
LC50 2.4 mg/L, 96h, static	Oncorhynchus mykiss
LC50 45 mg/L, 96h, dynamic	Pimephales promelas

Solvent naphtha petroleum, medium aliphatic C9-C12	64742-88-7
LC50 800 mg/L, 96h, static	Pimephales promelas
EC50 450 mg/L, 96h	Pseudokirchneriella subcapitata

PERSISTENCE AND DEGRADABILITY	Not available.
BIOACCUMULATIVE POTENTIAL	Not available.
SOIL MOBILITY	Not available.
OTHER ADVERSE EFFECTS	Not available.
ADDITIONAL INFORMATION	Do not let material or fire-fighting water run-off enter sewers or waterways. Obstruct drains and ditches. Affected areas must be cleaned and restored to their original conditions or to the satisfaction of the authorities.

## 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD	Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.
CONTAMINATED PACKAGING	Empty containers should be recycled or disposed of through an approved waste management facility.

#### 14 – TRANSPORT INFORMATION

TRANSPORT OF DANGEROUS GOODS (CANADA)
Not regulated for transport.

MARINE POLLUTANT	No.
SPECIAL PRECAUTIONS	Keep away from heat, sources of ignition.

#### 15 – REGULATORY INFORMATION

CANADA	
CEPA	All components of this product are either listed or exempt from listing on the Domestic substances List (DSL).
USA	
TSCA	All components of this product are either listed or exempt from listing on the Toxic Substances Control Act (TSCA) Inventory.

#### 16 – OTHER INFORMATION

VERSION	1.0
DATE	6 March 2017
PREPARED BY	AUTO-CHEM INC
ABBREVIATIONS	ABBREVIATIONS
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
CIRC	Centre International pour la Recherche sur le Cancer
CL / LC	Concentration létale / Lethal concentration
DL / LD	Dose létale / Lethal dose
CE / EC	Concentration efficace / Effective concentration
IARC	International Agency for Research on Cancer
LCPE	Loi Canadienne sur la Protection de l'Environnement
LES/NDSL	Liste extérieure des substances / Non domestic substances list
LIS/DSL	Liste intérieure des substances / Domestic substances list
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

STOT	Specific target organ toxicity
TCOC	Toxicité pour certains organes cibles
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USEPA	United States Environmental Protection Agency
VECD	Valeur exposition courte durée
VEMP	Valeur exposition moyenne pondérée
WHMIS	Workplace Hazardous Materials Information System
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