




SAFETY DATA SHEET

1 – IDENTIFICATION

IDENTIFIER	ODOUR EXIT
PRODUCT CODE	7015, 7015-04, 7015-05, 7015-15, 7015-55, 7017
RECOMMENDED USE	Odour eliminator.
RESTRICTIONS ON USE	Do not mix with other products.
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	Eye irritation 2B Specific target organ toxicity, single exposure; Respiratory tract irritation 3 Hazardous to the aquatic environment, acute hazard 2 Hazardous to the aquatic environment, long-term hazard 2	
LABEL ELEMENTS		
SIGNAL WORD	WARNING	
HAZARD STATEMENT	H320 H335 H401 H411	Causes eye irritation. May cause respiratory irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS – PREVENTION	P264 P261 P271 P273	Wash hands thoroughly after handling. Avoid breathing dust / fume / gas / mist /vapour / spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment.
PRECAUTIONARY STATEMENTS – RESPONSE	P305+P351+P338 P337+P313 P304+P340 P312	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 comfortable for breathing. Call a POISON CENTER / doctor if you feel unwell.
PRECAUTIONARY STATEMENTS – STORAGE	P405 P403+P233	Store locked-up. Store in a well-ventilated place. Keep container tightly closed.

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
Isopropyl alcohol	67-63-0	3 – 7 *
Alkyl(C12-C16) dimethylbenzylammonium chloride	68424-85-1	1 – 5 *
Tetrasodium EDTA	64-02-8	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
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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: If symptoms such as loss of gag reflex, convulsions or loss of consciousness appear before vomiting, a gastric lavage should be considered. Isopropyl alcohol metabolism forms acetone which can be detected in urine or exhaled air. Acidosis may occur in absence of hyperglycaemia. Haemodialysis should be considered in case of severe intoxication.

5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use dry chemical powder, CO2, chemical foam, water spray.
UNSUITABLE EXTINGUISHING MEDIA	Direct water jet may spread product.
SPECIFIC HAZARDS	Carbon oxides, chlorine compounds, ammonia compounds.
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.

6 – ACCIDENTAL RELEASE MEASURES

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

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, strong acids.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
Isopropyl alcohol	67-63-0	ACGIH ACGIH NIOSH NIOSH OSHA CSST CSST	TWA 200 ppm STEL 400 ppm TWA 400 ppm (980 mg/m3) STEL 500 ppm (1255 mg/m3) TWA 400 ppm (980 mg/m3) TWA 400 ppm (983 mg/m3) STEL 500 ppm /1230 mg/m3)
Alkyl(C12-C16) dimethylbenzylammonium chloride	68424-85-1		No established limits.
Tetrasodium EDTA	64-02-8		No established limits.

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	Colourless, transparent liquid.
ODOUR	Alcohol.
ODOUR TRESHOLD	Not available.
pH	10.48
MELTING / FREEZING POINT	0°C
INITIAL BOILING POINT	Not available.
FLASH POINT	Not applicable.
EVAPORATION RATE	Not available.
FLAMMABILITY	Not flammable.
LOWER FLAMMABLE/EXPLOVISE LIMIT	Not applicable.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not applicable.
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	Not available.
RELATIVE DENSITY	1.0 – 1.01
SOLUBILITY (in water)	Soluble
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
DECOMPOSITION TEMPERATURE	Not available.
VOC (w/w)	70.24 g/L (0.06975 KG/KG)
VISCOSITY	<50 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	Excessive heat, incompatible materials.
INCOMPATIBLE MATERIALS	Strong oxidizing agents, strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides, chlorine compounds, ammonia compounds.
ADDITIONAL INFORMATION	None.

11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	Overexposure to vapours may cause irritation.
DERMAL	Not a skin irritant.
OCULAR	This product may cause eye irritation. Redness, pain, tearing.
ORAL	Irritation of upper digestive tract. Nausea, vomiting, abdominal pain.

CHRONIC EFFECTS	
INHALATION	No data.
DERMAL	No data.
OCULAR	No data.
ORAL	No data.
ADDITIONAL INFORMATION	
CARCINOGENIC EFFECTS (IARC)	Isopropyl alcohol 67-63-0 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	Respiratory tract.
AGGRAVATED CONDITIONS	No data.
SYNERGISTIC SUBSTANCES	No data.

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Isopropyl alcohol	67-63-0	>4710, rat	>12870, rabbit	12000 ppm, rat
Alkyl(C12-C16) dimethylbenzylammonium chloride	68424-85-1	426, rat	3560, rabbit	No data.
Tetrasodium EDTA	64-02-8	>2000, rat	>5000, rabbit	>5 mg/L, 4h, rat

12 – ECOLOGICAL INFORMATION

Isopropyl alcohol	67-63-0
LC50 11130 mg/L, 96 h ,static	Pimephales promelas
LC50 9640 mg/L, 96 h, flow-through	Pimephales promelas
LC50 1400 mg/L, 96 h	Lepomis macrochirus
EC50 1000 mg/L, 72 h	Desmodesmus subspicatus
EC50 1000 mg/L, 96 h	Desmodesmus subspicatus

Alkyl(C12-C16) dimethylbenzylammonium chloride	68424-85-1
LC50 0.515 mg/L	Lepomis macrochirus
NOEL 0.0042 mg/L	Daphnia

Tetrasodium EDTA	64-02-8
LC50 >100 mg/L, 96h	Pimephales promelas
LC50 157 – 2070 mg/L, 96h	Lepomis macrochirus

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.
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MARINE POLLUTANT	Yes.
SPECIAL PRECAUTIONS	None.

15 – REGULATORY INFORMATION

CANADA	
CEPA	All components of this product are either listed or exempt from listing on the Domestic substances List (DSL).
USA	3 October 2016
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	
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

<p>IARC LCPE LES/NDSL LIS/DSL NIOSH NTP OSHA PEL SIMDUT STEL STOT TCOC TLV TSCA TWA USEPA VECD VEMP WHMIS</p>	<p>International Agency for Research on Cancer Loi Canadienne sur la Protection de l'Environnement Liste extérieure des substances / Non domestic substances list Liste intérieure des substances / Domestic substances list National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit Système d'information sur les matières dangereuses utilisées au travail Short-term Exposure Limit Specific target organ toxicity Toxicité pour certains organes cibles Threshold Limit Value Toxic Substances Control Act Time Weighted Average United States Environmental Protection Agency Valeur exposition courte durée Valeur exposition moyenne pondérée Workplace Hazardous Materials Information System</p>
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