




1 – IDENTIFICATION

IDENTIFIER	CAR SCENT - ORANGE
PRODUCT CODE	7018-01
RECOMMENDED USE	Perfume for car interior.
RESTRICTIONS ON USE	Keep away from flames and ignition sources.
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 liquid 3 Severe eye damage 1	
LABEL ELEMENTS		
SIGNAL WORD	WARNING	
HAZARD STATEMENT	H226 H318	Flammable liquid and vapours. Causes serious eye damage.
PRECAUTIONARY STATEMENTS – PREVENTION	P210 P233 P240 P241 P242 P243 P280	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical / ventilating / lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves / protective clothing / eye protection / face protection.
PRECAUTIONARY STATEMENTS – RESPONSE	P303+P361+P353 P370+P378 P305+P351+P338 P310	IF ON SKIN: take off immediately all contaminated clothing. Rinse skin with water (or shower). In case of fire: Use chemical foam, CO2, dry chemical powder to extinguish. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

PRECAUTIONARY STATEMENTS – STORAGE	P403+P235 P405	Store in a well-ventilated place. Keep cool. 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
Ethanol	64-17-5	5-10
Oxyrane, methyl polymer with oxyrane monodecyl ether	37251-67-5	1-5

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: treat symptomatically. This product contains materials that may cause severe pneumonitis if aspirated. If there are less than two hours since ingestion occurred, carry out careful gastric lavage. If possible, use an endotracheal tube to prevent aspiration. Keep the patient under observation for signs of respiratory difficulty from aspiration pneumonia. Practice resuscitation and appropriate chemical therapy to cases of respiratory decline. When plasma methanol concentrations are greater than 20 mg / dl, when ingested doses are greater than 30 mL, and when there is no evidence of acidosis or visual abnormalities, a solution of 10% ethanol in 5% aqueous dextrose, administered intravenously, is a safe and effective antidote.

5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Chemical foam, carbon dioxide, dry powder. Use water spray to cool containers.
UNSUITABLE EXTINGUISHING MEDIA	Water jet.
SPECIFIC HAZARDS	Carbon oxides, nitrogen 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.

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.

7 – HANDLING AND STORAGE

HANDLING	Keep away from heat, sparks and flame. Do not smoke. Vapours of this material are heavier than air and will collect in low or confined area. Do not cut, drill, grind, weld or perform similar operations near container. Static electricity may accumulate and create a fire hazard. Take precautionary measures against static charges. Bond and ground all transfer containers and equipment. Ground fixed equipment. 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, away from heat and ignition sources. Keep cool. Store away from incompatible materials. Keep containers closed.
INCOMPATIBLE MATERIALS	Strong oxidants, acids, alkalis.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
Ethanol	64-17-5	ACGIH OSHA NIOSH NIOSH CSST	TWA 1000 ppm TWA 1000 ppm (1900 mg/m ³) TWA 1000 ppm (1900 mg/m ³) IDLH 3300ppm TWA 1000 ppm (1880 mg/m ³)
Oxyrane, methyl polymer with oxyrane monodecyl ether	37251-67-5		No established limits.
Methanol	67-56-1	ACGIH ACGIH OSHA OSHA OSHA CSST CSST	TWA 200 ppm (262 mg/m ³) STEL 250 ppm (328 mg/m ³) TWA 200 ppm (262 mg/m ³) STEL 250 ppm (328 mg/m ³) IDLH 6000 ppm TWA 200 ppm (262 mg/m ³) STEL 250 ppm (328 mg/m ³)

ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels to an acceptable level.
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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	Liquid, transparent.
ODOUR	Orange.
ODOUR TRESHOLD	Not available.
pH	6.00 – 8.00
MELTING / FREEZING POINT	Not determined.
INITIAL BOILING POINT	Not available.
FLASH POINT	36°C
EVAPORATION RATE	Not available.
FLAMMABILITY	Flammable liquid and vapours.
LOWER FLAMMABLE/EXPLOVISE LIMIT	Not determined.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not determined.
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	Not available.
RELATIVE DENSITY	0.97
SOLUBILITY (in water)	Soluble
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
DECOMPOSITION TEMPERATURE	Not available.
VOC	77.6 g/L (0.080 kg/kg)
VISCOSITY	< 50 cst

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	Heat, heated surfaces, sparks, naked flames, ignition sources.

INCOMPATIBLE MATERIALS	Strong oxidants, acids, alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides, nitrogen oxides.
ADDITIONAL INFORMATION	No data.

11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	May cause minor irritation of respiratory tract. Large quantities may cause dizziness or drowsiness.
DERMAL	No data.
OCULAR	Minor eye irritation. Redness, pain, tearing.
ORAL	Do not ingest. Gastric upset, nausea.
CHRONIC EFFECTS	
INHALATION	No data.
DERMAL	No data.
OCULAR	No data.
ORAL	Ingestion of methanol can be harmful for certain organs.
ADDITIONAL INFORMATION	
CARCINOGENIC EFFECTS (IARC)	Not classified.
MUTAGENIC EFFECTS	No data.
TERATOGEN EFFECTS	No data.
REPRODUCTION	No data.
SENSIBILISATION	No data.
TARGET ORGANS	Liver, kidneys. Methanol can be fatal or cause blindness if ingested.
AGGRAVATED CONDITIONS	No data.
SYNERGISTIC SUBSTANCES	No data.

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Ethanol	64-17-5	13700. rat	9900, rabbit	39000 mg/m ³ , mouse, 4h
Oxyrane, methyl polymer with oxyrane monodecyl ether	37251-67-5	>5000, rat	No data.	No data

12 – ECOLOGICAL INFORMATION


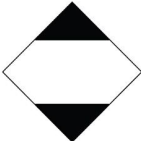
Ethanol	64-17-5
LC50 12 -16 ml/L,	Oncorhynchus mykiss
LC50 13400-15100 mg/L, 96h	Pimephales promelas
EC50 2 mg/L, 48h	Daphnia magna

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)				
UN NUMBER	PROPER SHIPPING NAME	CLASS	PACKING GROUP	PLACARD
1993	FLAMMABLE LIQUID N.O.S. (Ethyl alcohol)	3	III	
LIMITED QUANTITY: 5 L				
FLASH POINT:		36°C		

MARINE POLLUTANT	No.
SPECIAL PRECAUTIONS	Keep away from flames or ignition sources.

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	2.0
DATE	16 November 2019
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
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