




SAFETY DATA SHEET

1 – IDENTIFICATION

IDENTIFIER	AQUA COLOUR
PRODUCT CODE	8050, 8051, 8052
RECOMMENDED USE	Colour restorer.
RESTRICTIONS ON USE	Use in 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 3 Acute toxicity, dermal 5 Eye irritation 2B Specific target organ toxicity, Single exposure; Respiratory tract irritation 3	
LABEL ELEMENTS		
SIGNAL WORD	H226 H313 H320 H335	Flammable liquid and vapour. May be harmful in contact with skin. Causes eye irritation. May cause respiratory irritation.
HAZARD STATEMENT	WARNING	
PRECAUTIONARY STATEMENTS – PREVENTION	P210 P233 P240 P241 P242 P243 P261 P271 P280 P264	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/ventilation/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

PRECAUTIONARY STATEMENTS – RESPONSE	P312 P303+P361+P353 P305+P351+P338 P337+P313 P304+P340 P370+P378	Call a POISON CENTER/doctor if you feel unwell. IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water or shower. 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. In case of fire: Use water jet, spray or foam to extinguish.
PRECAUTIONARY STATEMENTS – STORAGE	P403+P235 P233	Store in a well-ventilated area. Keep cool. 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
Distillates (petroleum), hydrotreated light (C9-C16)	64742-47-8	10 – 30 *
Diatomaceous earth – amorphous silica	61790-53-2	5 – 10 *
Kerosene	8008-20-6	1 – 5 *
Morpholine	110-91-8	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
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	Large fire: water spray, fog or regular foam.
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	Small fire: dry chemical, CO ₂ , water spray or regular foam.
UNSUITABLE EXTINGUISHING MEDIA	No data.
SPECIFIC HAZARDS	Heat builds up pressure in closed containers. Cool with water stream. Hazardous combustion products: carbon oxides, acrid smoke, irritating fumes.
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	Acids, alkalis, strong oxidants.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
Distillates (petroleum), hydrotreated light (C9-C16)	64742-47-8	ACGIH	TWA 1200 mg/m ³ , 197 ppm
Diatomaceous earth – amorphous silica	61790-53-2		No established limits.
Kerosene	8008-20-6	ACGIH NIOSH	TWA 200 mg/m ³ TWA 100 mg/m ³
Morpholine	110-91-8	NIOSH	TWA 20 ppm (skin)

		ACGIH CSST CSST	TWA 20 ppm (skin) TWA 71 mg/m ³ , 20 ppm IDLH 1400 ppm
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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	Viscous opaque liquid, beige.
ODOUR	Hydrocarbon.
ODOUR TRESHOLD	Not available.
pH	8.90
MELTING / FREEZING POINT	Not determined.
INITIAL BOILING POINT	Not available.
FLASH POINT	48°C
EVAPORATION RATE	Not available.
FLAMMABILITY	Flammable.
LOWER FLAMMABLE/EXPLOISE LIMIT	Not determined.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not determined.
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	Not available.
RELATIVE DENSITY	0.969
SOLUBILITY (in water)	Dispersible.
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
DECOMPOSITION TEMPERATURE	Not available.
VOC	264.05 g/L (0.2725 kg/kg)
VISCOSITY Spindle #6, 100/10 rpm	1700 – 11000 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	Heat, ignition sources, incompatible materials.
INCOMPATIBLE MATERIALS	Acids, alkalis, strong oxidants.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides, nitrous oxides.
ADDITIONAL INFORMATION	No data.

11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	Vapours are moderately irritant for the respiratory system.
DERMAL	Not a primary irritant for short term exposure.
OCULAR	Vapours are moderately irritating to the eyes.
ORAL	Ingestion is not expected under normal conditions.
CHRONIC EFFECTS	
INHALATION	Prolonged or continuous inhalation may cause coughing, shortness of breath, dizziness, intoxication, nausea and depression of the central nervous system.
DERMAL	Dermatitis, can defat the skin, allergic reactions.
OCULAR	No data.
ORAL	No data.
ADDITIONAL INFORMATION	
CARCINOGENIC EFFECTS (IARC)	Morpholine 110-91-8 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
Distillates (petroleum), hydrotreated light (C9-C16)	64742-47-8	>5000, rat	>2000, rabbit	No data.
Diatomaceous earth – amorphous silica	61790-53-2	No data.	No data.	No data.
Kerosene	8008-20-6	>5000, rat	>2000, rabbit	>2500 mg/m ³ , rat
Morpholine	110-91-8	1910, rat	500, rabbit	No data.

12 – ECOLOGICAL INFORMATION

Distillates (petroleum), hydrotreated light (C9-C16)	64742-47-8
LC50 2.2 mg/L, 96 h, static	Lepomis macrochirus
LC50 2.4 mg/L, 96 h, static	Oncorhynchus mykiss
LC50 45 mg/L, 96 h, flow-through	Pimephales promelas


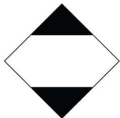
Morpholine	110-91-8
LC50 180 – 380 mg/L, 96 h	Oncorhynchus mykiss
EC50 100 mg/L, 24 h	Daphnia magna
EC50 >310 mg/L, 16 h	Bacterium
EC50 28 mg/L, 96 h	Green algae

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 LIQUIDS, N.O.S. (Hydrocarbons)	3	III	
LIMITED QUANTITY: 5 KG or 5L				
FLASH POINT		48°C		

MARINE POLLUTANT	No.
SPECIAL PRECAUTIONS	Keep away from excessive heat and 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	1.0
DATE	October 8, 2015
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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