



halton chemical inc.
QUALITY BLENDERS SINCE 1962

- lacquers & related wood coatings
- solvent based & water based products
- adhesives
- coatings
- cleaners
- degreasers
- thinners
- reducers
- epoxies
- polyurethanes
- toll manufacturing
- product development
- product enhancement
- quality control
- warehousing & logistics

SECTION 1 – PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION

Manufacturer:..... HALTON CHEMICAL INC.
840 APPLEBY LINE, BURLINGTON, ON L7L 2Y7
www.haltonchemical.com

Phone:..... 905-637-3613

Supplier: SCREENTEC CORPORATION
930 WESTPORT CRESCENT, MISSISSAUGA, ON L5T 1G1
www.screentec.ca

Phone:..... 905-670-7042

Emergency Phone: CANUTEC (24H) 1-613-996-6666

Poison Control:..... 800-268-9017

Revision Date:..... January 19, 2017

Print Date:..... January 19, 2017

Version Number:..... 1

Product: ET-10 REDUCER

Product Use: INDUSTRIAL SOLVENT
FOR INDUSTRIAL USE ONLY

SECTION 2 – HAZARDS IDENTIFICATION

Emergency Overview

Target Organs:
Skin, oral effects.

WHMIS Classification:
B3 - COMBUSTIBLE LIQUID

GHS Classification:
Flammable Liquids (Cat. 4)
Acute Toxicity Oral (Cat. 4)
Acute Toxicity Dermal (Cat. 4)

Safety Data Sheet - ET-10 REDUCER

GHS Label Elements, including precautionary statements:

Pictogram:



Signal Word:..... **Warning**

Hazard Statement(s):

H227: Combustible liquid
H302: Harmful if swallowed
H312: Harmful in contact with skin

Precautionary Statement(s):

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P280: Wear protective gloves/protective clothing/eye protection/face protection
P370+378: In case of fire: Use foam, water fog, dry chemical and/or carbon dioxide to extinguish
P403: Store in a well ventilated place
P270: Do not eat, drink or smoke when using this product
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330: Rinse mouth
P302+352: IF ON SKIN: Wash with soap and water
P264: Wash skin thoroughly after handling
P312: Call a POISON CENTER or doctor/physician if you feel unwell
P362+364: Take off contaminated clothing and wash it before reuse
P501: Dispose of contents/container to comply with local, provincial, state, and federal regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	%
Glycol Ether EB Acetate	112-07-2	99-100

Refer to Section 8 for Occupational Exposure Guidelines.

SECTION 4 – FIRST-AID MEASURES

Inhalation:

Take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment). Remove source of contamination or move victim to fresh air, obtain medical advice.

Ingestion:

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 60 to 240ml (2 to 8 oz.) of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Have victim rinse mouth with water again. Quickly transport victim to an emergency care facility.

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Eyes:

Quickly and gently blot or brush chemical off the face. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding eyelid(s) open. Obtain medical advice.

Skin:

As quickly as possible remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). quickly and gently blot or brush away excess chemical. Immediately wash with lukewarm, gently flowing water and non-abrasive soap for 15 - 20 minutes.

Note to Physician:

Treatment based on sound judgement of physician and individual reactions of patient.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media:

Carbon dioxide, alcohol foam, water fog, dry chemical.

Special Fire Fighting Procedures:

Use water spray to cool fire-exposed containers or structures. Product will float and can be reignited on surface of water.

Unusual Fire and Explosion Hazards:

Vapours from this product are heavier than air and may travel to a source of ignition and flash back causing explosion and fire. Never use welding or cutting torch on, or near drum (even empty) as product (even residue) can ignite explosively. All containers, including pails, drums, tank cars & trucks should be grounded and/or bonded when material is transferred.

Hazardous Combustion Products:

Carbon monoxide and/or carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Dyke and contain spills. Do not let product enter drains.

Methods and Materials for Containment and Clean Up:

Contain and/or dyke spills. Absorb with inert material, place in a suitable container. Report and dispose of according to local regulations.

SECTION 7 – HANDLING AND STORAGE

Storage:

Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage and evaporation.

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Handling:

Use in a well ventilated area. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof tools, equipment, and ventilation system. Keep away from sources of ignition. Take measures to prevent the build-up of electrostatic charge. Always ground and bond containers.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Threshold Limit Value:..... 20 ppm ACGIH TWA

Engineering Controls:

Use local, mechanical, explosion proof exhaust and/or ventilation system to avoid exposure and vapour accumulation.

Personal Protective Equipment:

Respiratory Protection:

Where risk assessment shows air-purifying respirators are appropriate, use an approved respirator for the concentration and type of hazardous materials in the workplace. Use respirators and components tested and approved under the appropriate government standards. Use respirators as backup to engineering controls if necessary.

Hand Protection:

Handle with gloves to minimize skin contact. Inspect gloves prior to use. Use proper glove removal technique (without touching the glove's outer surface) to avoid skin contact with product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands thoroughly.

Eye Protection:

Safety glasses and/or face shield. Use equipment for eye protection tested and approved under the appropriate government standards.

Protective Clothing:

Impervious clothing, flame retardant, antistatic protective clothing. The type of protective equipment should be selected according to the concentration and amount of hazardous materials at each specific workplace.

Additional Measures:

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the workday.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

Physical State: Liquid
Appearance/Odour: Clear, colourless, mild odour
Odour Threshold: No data
Vapour Density (AIR=1): 5.53
Boiling Point: 192°C
Melting/Freezing Point: -64°C
Vapour Pressure:..... 0.37 mmHg @ 20°C
Evaporation Rate:04
Specific Gravity: 0.972 @ 20°C
Solubility in Water: Slight
Coeff. Water/Oil Dist.:..... 1.51 log Pow

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Flashpoint: 78°C T.C.C.
Autoignition Temp:..... 280°C
Upper Flammable Limit:..... 8.54%
Lower Flammable Limit: 0.50%

SECTION 10 – STABILITY AND REACTIVITY

Stability:

Stable.

Hazardous Decomposition Products:

Aldehydes, ketones, organic acids.

Materials to Avoid:

Strong oxidizing agents and strong acids.

Hazardous Reactions:

No data.

Conditions to Avoid:

Heat, flames and sparks.

SECTION 11 – TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENT	LD50	LC50	HRS
Glycol Ether EB Acetate	2400 mg/kg	400 ppm	4

Skin corrosion/irritation:

Not classified as a skin irritant.

Serious eye damage/irritation:

Not classified as an eye irritant.

Respiratory or skin sensitization:

Not classified as a sensitization hazard.

Germ cell mutagenicity:

No adverse effects are anticipated.

Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity:

No adverse effects are anticipated.

Teratogenicity:

No adverse effects are anticipated.

Specific target organ toxicity (single exposure):

Not classified as a single exposure toxicant.

Specific target organ toxicity (repeated exposure):

Not classified as a repeat exposure hazard.

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Aspiration hazard:

Not classified as an aspiration hazard.

Potential Health Effects:**Inhalation:**

Excessive inhalation of vapours can cause nasal and respiratory irritation.

Ingestion:

May cause irritation, burning sensation of mouth and throat and abdominal pain.

Skin:

Irritating upon prolonged contact.

Eyes:

May cause slight irritation, redness, tearing and discomfort.

Signs and Symptoms of Exposure:

Can cause skin irritation. Ingestion can cause burning sensation and discomfort.

Synergistic effects:

None known.

Additional information:

Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Fate and Distribution:

Prevent from entering drains, sewers, streams or other bodies of water. If runoff occurs, notify authorities as required.

Aquatic toxicity:

LC50 (Oncorhynchus Mykiss) >20-<40 mg/L 96H OECD Test Guideline 203 or equivalent

Persistence and degradability:

Readily biodegradable. 88% 28d OECD Test Guidelines 301F

Bioaccumulative potential:

Low BCF (bioconcentration factor) <100 or log Pow <3

Mobility in soil:

Very high - Koc (organic carbon-water partition co-efficient) between 0-50

Other adverse effects:

Slightly toxic to aquatic organisms on an acute basis LC50/EC50 between 10-100 mg/L in the most sensitive species tested.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal:

Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of in accordance with all applicable regulations.

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Contaminated Packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers may retain product residue, follow any label warnings even after container is emptied.

SECTION 14 – TRANSPORTATION INFORMATION

TDG Classification (Ground Only):NON REGULATED

Proper Shipping Name (Ground Only):NON REGULATED

A scientific determination was concluded based on formulation ingredients on January 19, 2017 to define the Transportation of Dangerous Goods Classifications.

SECTION 15 - REGULATIONS

This material is included on the DLS (Canadian Domestic Substance List) under the CEPA (Canadian Environmental Protection Act).

This material has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

This material meets TSCA (Toxic Substances Control Act) inventory requirements.

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

SECTION 16 – OTHER INFORMATION

LEGEND TO ABBREVIATIONS:

CAS: CHEMICAL ABSTRACT SERVICES

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

LC: LETHAL CONCENTRATION

LD: LETHAL DOSE

TDG: TRANSPORTATION OF DANGEROUS GOODS

TWA: TIME WEIGHTED AVERAGE

VOC: VOLATILE ORGANIC COMPOUND

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