



Econo-IT

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 08/23/2013

Supersedes: 08/23/2012

Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Identifier

Product name: Econo-IT

Synonyms: Acid Inhibitor Intensifier

Intended Use Of The Product

Use of the substance/mixture: Corrosion inhibitor

Name, Address, And Telephone Of The Responsible Party

Economy® Polymers & Chemicals
435 E. Anderson Road
77047 Houston, TX
T 713-723-8416; 1-800-231-2066
www.economypolymers.com

Emergency Telephone Number

Emergency number : CHEMTREC 1-800-424-9300 (US); 703-527-3887 (International, collect calls are accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification Of The Substance Or Mixture

GHS-US classification

Flam. Liq. 3 H226
Acute Tox. 4 (Oral) H302
Skin Corr. 1A H314

Label Elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H226 - Flammable liquid and vapour
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage

Precautionary statements (GHS-US) :

P210 - Keep away from heat, open flames, sparks. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, lighting, ventilating equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P260 - Do not breathe vapours, spray, mist
P264 - Wash hands, forearms, and exposed areas thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear eye protection, face protection, protective clothing, protective gloves
P301+P312 - If swallowed, call a doctor if you feel unwell
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated

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clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor
P321 - Specific treatment (see Section 4)
P330 - If swallowed, rinse mouth
P363 - Wash contaminated clothing before reuse
P370+P378 - In case of fire: Use appropriate media for extinction
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations

Other Hazards Not available

Unknown acute toxicity (GHS US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Name | Product Identifier | % (w/w) | GHS-US classification |
|-------------|---------------------|----------|--|
| Formic acid | (CAS No.) 64-18-6 | 60 - 100 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318 |
| Water | (CAS No.) 7732-18-5 | 10 - 30 | Not classified |

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description Of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell.

Most Important Symptoms And Effects Both Acute and Delayed

General: Causes severe skin burns and eye damage. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. Harmful if swallowed.

Inhalation: May cause respiratory irritation.

Skin Contact: Corrosive. Causes burns.

Eye Contact: Corrosive. Causes burns. Causes serious eye damage.

Ingestion: Swallowing a small quantity of this material will result in serious health hazard..

Chronic symptoms: Not available

Indication Of Any Immediate Medical Attention And Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media: Carbon dioxide, dry chemical, alcohol, foam.

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Unsuitable extinguishing media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

Special Hazards Arising From The Substance Or Mixture

Fire hazard: Flammable liquid and vapour.

Explosion hazard: May form flammable/explosive vapour-air mixture..

Reactivity: Thermal decomposition generates: Corrosive vapours..

Advice For Firefighters

Precautionary measures fire: Not available

Firefighting instructions: Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection..

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Reference To Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

General measures: Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

For Non-Emergency Personnel

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods And Material For Containment And Cleaning Up

For containment: Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material.

Methods for cleaning up: Clear up spills immediately and dispose of waste safely.

Reference To Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions For Safe Handling

Additional hazards when processed: Handle empty containers with care because residual vapours are flammable.

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Conditions For Safe Storage, Including Any Incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment. Comply with applicable regulations.

Storage conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible materials: Strong acids. Strong bases. Strong oxidizers.

Storage area: Store in a well-ventilated place. Keep cool.

Specific End Use(s)

Corrosion inhibitor

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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| Formic acid (64-18-6) | | |
|------------------------------|--------------------------------------|-----------------------|
| Mexico | OEL TWA (mg/m ³) | 9 mg/m ³ |
| Mexico | OEL TWA (ppm) | 5 ppm |
| USA ACGIH | ACGIH TWA (ppm) | 5 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 10 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 9 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 5 ppm |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 9 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 5 ppm |
| USA IDLH | US IDLH (ppm) | 30 ppm |
| Alberta | OEL STEL (mg/m ³) | 19 mg/m ³ |
| Alberta | OEL STEL (ppm) | 10 ppm |
| Alberta | OEL TWA (mg/m ³) | 9.4 mg/m ³ |
| Alberta | OEL TWA (ppm) | 5 ppm |
| British Columbia | OEL STEL (ppm) | 10 ppm |
| British Columbia | OEL TWA (ppm) | 5 ppm |
| Manitoba | OEL STEL (ppm) | 10 ppm |
| Manitoba | OEL TWA (ppm) | 5 ppm |
| New Brunswick | OEL STEL (mg/m ³) | 19 mg/m ³ |
| New Brunswick | OEL STEL (ppm) | 10 ppm |
| New Brunswick | OEL TWA (mg/m ³) | 9.4 mg/m ³ |
| New Brunswick | OEL TWA (ppm) | 5 ppm |
| Newfoundland & Labrador | OEL STEL (ppm) | 10 ppm |
| Newfoundland & Labrador | OEL TWA (ppm) | 5 ppm |
| Nova Scotia | OEL STEL (ppm) | 10 ppm |
| Nova Scotia | OEL TWA (ppm) | 5 ppm |
| Nunavut | OEL STEL (mg/m ³) | 18 mg/m ³ |
| Nunavut | OEL STEL (ppm) | 10 ppm |
| Nunavut | OEL TWA (mg/m ³) | 9 mg/m ³ |
| Nunavut | OEL TWA (ppm) | 5 ppm |
| Northwest Territories | OEL STEL (mg/m ³) | 18 mg/m ³ |
| Northwest Territories | OEL STEL (ppm) | 10 ppm |
| Northwest Territories | OEL TWA (mg/m ³) | 9 mg/m ³ |
| Northwest Territories | OEL TWA (ppm) | 5 ppm |
| Ontario | OEL STEL (ppm) | 10 ppm |
| Ontario | OEL TWA (ppm) | 5 ppm |
| Prince Edward Island | OEL STEL (ppm) | 10 ppm |
| Prince Edward Island | OEL TWA (ppm) | 5 ppm |
| Québec | VECD (mg/m ³) | 19 mg/m ³ |
| Québec | VECD (ppm) | 10 ppm |
| Québec | VEMP (mg/m ³) | 9.4 mg/m ³ |
| Québec | VEMP (ppm) | 5 ppm |
| Saskatchewan | OEL STEL (ppm) | 10 ppm |
| Saskatchewan | OEL TWA (ppm) | 5 ppm |
| Yukon | OEL STEL (mg/m ³) | 9 mg/m ³ |
| Yukon | OEL STEL (ppm) | 5 ppm |
| Yukon | OEL TWA (mg/m ³) | 9 mg/m ³ |
| Yukon | OEL TWA (ppm) | 5 ppm |

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Exposure Controls

Appropriate engineering controls: Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Take precautionary measures against static discharges. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapours may be released. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Corrosion proof clothing. Gloves. Protective goggles. Respiratory protection of the dependent type.



Materials for protective clothing: Chemically resistant materials and fabrics..

Hand protection: Wear chemically resistant protective gloves..

Eye protection: Chemical goggles or face shield..

Skin and body protection: Wear suitable protective clothing..

Respiratory protection: Wear approved mask..

Other information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information On Basic Physical And Chemical Properties

| | |
|---|--------------------------|
| Physical state | : Liquid |
| Appearance | : Clear |
| Odour | : Characteristic,pungent |
| Odour threshold | : Not available |
| pH | : 1 (1 - 2) |
| Relative evaporation rate (butylacetate=1) | : Not available |
| Melting point | : 8 °C (46.4 °F) |
| Freezing point | : Not available |
| Boiling point | : 101 °C (213.8 °F) |
| Flash point | : 69 °C (156.2 °F) |
| Auto-ignition temperature | : Not available |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not available |
| Lower flammable limit | : Not available |
| Upper flammable limit | : Not available |
| Vapour pressure | : Not available |
| Relative vapour density at 20 °C | : Not available |
| Relative density | : 1.6 |
| Specific gravity density | : Not available |
| Solubility | : Not available |
| Log Pow | : Not available |
| Log Kow | : Not available |
| Viscosity, kinematic | : Not available |
| Viscosity, dynamic | : Not available |
| Explosion data - sensitivity to mechanical impact | : Not available |
| Explosion data - sensitivity to static discharge | : Not available |

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SECTION 10: STABILITY AND REACTIVITY

Reactivity Thermal decomposition generates: Corrosive vapours.

Chemical Stability Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

Possibility Of Hazardous Reactions Hazardous polymerization will not occur.

Conditions To Avoid Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat.Sparks.

Incompatible Materials Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products Carbon oxides (CO, CO₂). May release flammable gases. Thermal decomposition generates: Corrosive vapours..

SECTION 11: TOXICOLOGICAL INFORMATION

Information On Toxicological Effects - Product

Acute toxicity : Harmful if swallowed.

LD50 and LC50 Data Not available

Skin corrosion/irritation: Causes severe skin burns and eye damage. pH: 1 - 2

Serious eye damage/irritation: Not classified pH: 1 - 2

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific target organ toxicity (repeated exposure): Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Aspiration hazard: Not classified

Potential Adverse human health effects and symptoms: Harmful if swallowed.

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact: Corrosive. Causes burns.

Symptoms/injuries after eye contact: Corrosive. Causes burns. Causes serious eye damage.

Symptoms/injuries after ingestion: Swallowing a small quantity of this material will result in serious health hazard.

Information On Toxicological Effects - Ingredient(s)

LD50 and LC50 Data

| Formic acid (64-18-6) | |
|-----------------------|-----------|
| LD50 oral rat | 730 mg/kg |

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

| Formic acid (64-18-6) | |
|--------------------------------|--|
| LC50 fishes 1 | 175 mg/l (Exposure time: 24 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1 | 120 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 other aquatic organisms 1 | 25 mg/l (Exposure time: 96 h - Species: Desmodemus subspicatus) |
| EC50 Daphnia 2 | 138 - 165.6 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| EC50 other aquatic organisms 2 | 26.9 mg/l (Exposure time: 72 h - Species: Desmodemus subspicatus) |

Persistence And Degradability

| Econo-IT | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

Bioaccumulative Potential

| Econo-IT | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

| Formic acid (64-18-6) | |
|-----------------------|------|
| BCF fish 1 | 0.22 |

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| | |
|---------|-------|
| Log Pow | -0.54 |
|---------|-------|

Mobility In Soil Not available

Other Adverse Effects

Other information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional information: Handle empty containers with care because residual vapours are flammable.

SECTION 14: TRANSPORT INFORMATION

In accordance with ICAO/IATA/DOT/TDG

UN Number

UN-No.(DOT): 1779

DOT NA no.: UN1779

UN Proper Shipping Name

Department of Transportation (DOT) Hazard Classes : 8 - Class 8 - Corrosive material 49 CFR 173.136

Hazard labels (DOT) : 8 - Corrosive substances
3 - Flammable liquid



Packing group (DOT)

DOT Special Provisions (49 CFR 172.102)

: II - Medium Danger

: B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized.
B28 - Packagings must be made of stainless steel.
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following formula: Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

DOT Packaging Bulk (49 CFR 173.xxx) : 242

Additional information

Emergency Response Guide (ERG) Number : 153

Overland transport Not regulated for transport

Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

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Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L

SECTION 15: REGULATORY INFORMATION

US Federal regulations

Formic acid (64-18-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

| | |
|--|-------|
| SARA Section 313 - Emission Reporting | 1.0 % |
|--|-------|

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State regulations

Formic acid (64-18-6)

U.S. - Colorado - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Hawaii - Occupational Exposure Limits - STELs
U.S. - Hawaii - Occupational Exposure Limits - TWAs
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
U.S. - Louisiana - Reportable Quantity List for Pollutants
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
U.S. - Massachusetts - Right To Know List
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Michigan - Polluting Materials List
U.S. - Minnesota - Chemicals of High Concern
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
U.S. - New Jersey - Environmental Hazardous Substances List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New Jersey - Special Health Hazards Substances List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - North Dakota - Hazardous Wastes - Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
U.S. - Oregon - Permissible Exposure Limits - TWAs
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations

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U.S. - South Carolina - Toxic Air Pollutants - Pollutant Categories
 U.S. - Tennessee - Occupational Exposure Limits - TWAs
 U.S. - Texas - Effects Screening Levels - Long Term
 U.S. - Texas - Effects Screening Levels - Short Term
 U.S. - Vermont - Hazardous Waste - Hazardous Constituents
 U.S. - Vermont - Permissible Exposure Limits - TWAs
 U.S. - Washington - Dangerous Waste - Dangerous Waste Constituents List
 U.S. - Washington - Dangerous Waste - Discarded Chemical Products List
 U.S. - Washington - Permissible Exposure Limits - STELS
 U.S. - Washington - Permissible Exposure Limits - TWAs
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

Canadian regulations

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| | |
|----------------------|--|
| WHMIS Classification | Class B Division 3 - Combustible Liquid Class E - Corrosive Material Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects |
|----------------------|--|



Formic acid (64-18-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Listed on the Canadian Ingredient Disclosure List

| | |
|----------------------|--|
| WHMIS Classification | Class B Division 3 - Combustible Liquid Class E - Corrosive Material Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects |
|----------------------|--|

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

| | |
|----------------------|---|
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
|----------------------|---|

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

SECTION 16: OTHER INFORMATION

Indication of changes

: Revision date.

Other information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

| | |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| Skin Corr. 1A | skin corrosion/irritation Category 1A |
| H226 | Flammable liquid and vapour |
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |

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Party Responsible For The Preparation Of This Document:

Economy Polymers & Chemicals

435 E. Anderson Road Houston, TX 77047

713-723-8416; 1-800-231-2066

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS