

Eastman(TM) Triethyl Phosphate

Version Revision Date: SDS Number: Date of last issue: 08/19/2014
4.0 04/25/2017 150000001062 Date of first issue: 07/08/2011
SDSCA / PRD / 0068 / 0039537120 / 0004268681 /

SECTION 1. IDENTIFICATION

Product name : Eastman(TM) Triethyl Phosphate

Product code : EAN 904662. P0041812

Manufacturer or supplier's details

Company name of supplier : Eastman Chemical Canada, Inc.

Address : 1 First Canadian Place
Toronto ON M5X 1G5

Emergency telephone number : CHEMTREC: +1-800-424-9300, +1-703-527-3887 CCN7321

Recommended use of the chemical and restrictions on use

Recommended use : Chemical intermediate
Solvent
Plasticizer


Restrictions on use : None known.

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Acute toxicity (Oral) : Category 4

Eye irritation : Category 2A

GHS label elements

Hazard pictograms : 

Signal word : Warning

Hazard statements : H302 Harmful if swallowed.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear eye protection/ face protection.
Response:
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water

Eastman(TM) Triethyl Phosphate

Version Revision Date: SDS Number: Date of last issue: 08/19/2014
4.0 04/25/2017 150000001062 Date of first issue: 07/08/2011
SDSCA / PRD / 0068 / 0039537120 / 0004268681 /

for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name : Triethyl phosphate

CAS-No. : 78-40-0

Components

Chemical name	CAS-No.	Concentration (% w/w)
Triethyl phosphate	78-40-0	100

SECTION 4. FIRST AID MEASURES

If inhaled : Move to fresh air.
Treat symptomatically.
If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water.
If symptoms persist, call a physician.

In case of eye contact : Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/ attention.

If swallowed : Seek medical advice.

Most important symptoms and effects, both acute and delayed : Harmful if swallowed.
Causes serious eye irritation.

Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide (CO2)
Dry chemical
Water spray

Unsuitable extinguishing media : Do NOT use water jet.

Eastman(TM) Triethyl Phosphate

Version Revision Date: SDS Number: Date of last issue: 08/19/2014
4.0 04/25/2017 150000001062 Date of first issue: 07/08/2011
SDSCA / PRD / 0068 / 0039537120 / 0004268681 /

Specific hazards during fire-fighting : None known.

Hazardous combustion products : No hazardous combustion products are known

Further information : None known.

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear appropriate personal protective equipment. Local authorities should be advised if significant spillages cannot be contained.

Environmental precautions : Avoid release to the environment.

Methods and materials for containment and cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : None known.

Advice on safe handling : Do not get in eyes.
Do not swallow.
Wash thoroughly after handling.

Conditions for safe storage : Keep tightly closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Eastman(TM) Triethyl Phosphate

Version Revision Date: SDS Number: Date of last issue: 08/19/2014
4.0 04/25/2017 150000001062 Date of first issue: 07/08/2011

SDSCA / PRD / 0068 / 0039537120 / 0004268681 /

Triethyl phosphate:

Species: Guinea pig
Exposure time: 24 h
Assessment: Not classified
Result: slight

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:**Triethyl phosphate:**

Species: Rabbit
Result: slight
Assessment: Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.
Respiratory sensitisation: Not classified based on available information.

Components:**Triethyl phosphate:**

Test Type: Skin Sensitization
Species: Guinea pig
Assessment: Not classified
Result: non-sensitizing

Germ cell mutagenicity

Not classified based on available information.

Components:**Triethyl phosphate:**

Genotoxicity in vitro : Test Type: Mutagenicity - Bacterial
Metabolic activation: +/- activation
Method: Bacterial Reverse Mutation Assay
Result: negative

Genotoxicity in vivo : Species: Mouse (Male and Female)
Application Route: intraperitoneal injection
Result: negative

Carcinogenicity

Not classified based on available information.

Components:**Triethyl phosphate:**

Remarks: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity

Not classified based on available information.

Eastman(TM) Triethyl Phosphate

Version Revision Date: SDS Number: Date of last issue: 08/19/2014
4.0 04/25/2017 150000001062 Date of first issue: 07/08/2011

SDSCA / PRD / 0068 / 0039537120 / 0004268681 /

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2,705 mg/l
Exposure time: 24 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 31.6 mg/l
Exposure time: 21 d

Persistence and degradability**Components:****Triethyl phosphate:**

Biodegradability : Result: Readily biodegradable.

Chemical Oxygen Demand (COD) : 1.55 mg/g

Bioaccumulative potential**Components:****Triethyl phosphate:**

Bioaccumulation : Species: Cyprinus carpio (Carp)
Bioconcentration factor (BCF): 1.3
Exposure time: 42 d
Concentration: < 0.1 mg/l
Method: OECD Test Guideline 305

Mobility in soil

No data available

Other adverse effects**Product:**

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Components:**Triethyl phosphate:**

Results of PBT and vPvB assessment : Not fulfilling vPvB (very persistent, very bioaccumulative) criteria.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Eastman(TM) Triethyl Phosphate

Version Revision Date: SDS Number: Date of last issue: 08/19/2014
4.0 04/25/2017 150000001062 Date of first issue: 07/08/2011

SDSCA / PRD / 0068 / 0039537120 / 0004268681 /

SECTION 14. TRANSPORT INFORMATION**International Regulations****IATA-DGR**

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations**TDG**

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION**Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The components of this product are reported in the following inventories:

CH INV	: On the inventory, or in compliance with the inventory
DSL	: On the inventory, or in compliance with the inventory
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
TCSI	: On the inventory, or in compliance with the inventory
TSCA	: On the inventory, or in compliance with the inventory

Canadian lists

No substances are subject to a Significant New Activity Notification.

