

**Eastman(TM) Chlorinated Polyolefin 343-1
(40% Solids in Xylene)**

Version	Revision Date:	SDS Number:	Date of last issue: 11/11/2018
2.5	01/14/2020	150000000071	Date of first issue: 09/06/2016
PRD		SDSUS / Z8 / 0001	

SECTION 1. IDENTIFICATION

Product name : Eastman(TM) Chlorinated Polyolefin 343-1 (40% Solids in Xylene)

Product code : 11237-00, P1123703, P1123704, E1123701, S1123703, S1123704, S1123707

Manufacturer or supplier's details

Company name of supplier : Eastman Chemical Company

Address : 200 South Wilcox Drive
Kingsport TN 37660-5280

Telephone : (423) 229-2000

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

Recommended use of the chemical and restrictions on use

Recommended use : Adhesion promoter

Restrictions on use : None known.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

Flammable liquids : Category 3

Acute toxicity (Inhalation) : Category 4

Skin irritation : Category 2

Eye irritation : Category 2A

Specific target organ toxicity : Category 3 (Respiratory system)
- single exposure

Specific target organ toxicity : Category 2 (hearing organs)
- repeated exposure

GHS label elements

Hazard pictograms :



Signal Word : Warning

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Hazard Statements : H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs (hearing organs) through prolonged or repeated exposure.

Precautionary Statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.

Response:
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/ attention if you feel unwell.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal:

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

Other hazards

None known.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Components**

Chemical name	CAS-No.	Concentration (% w/w)
modified chlorinated polyolefin	68609-36-9	> 37
xylene	1330-20-7	< 60
ethylbenzene	100-41-4	< 15
chlorobenzene	108-90-7	< 3
epoxidized oil	61789-01-3	< 3

SECTION 4. FIRST AID MEASURES

- If inhaled : Remove to fresh air.
If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.
Get immediate medical advice/ attention.
- In case of skin contact : Wash off immediately with plenty of water.
Get medical advice/ attention.
Wash contaminated clothing before reuse.
Destroy contaminated shoes.
Thoroughly clean shoes before reuse.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water
for at least 15 minutes.
Get medical advice/ attention.
Remove person to fresh air. If signs/symptoms continue, get
medical attention.
- If swallowed : Call a physician or poison control center immediately.
Do NOT induce vomiting.
- Most important symptoms
and effects, both acute and
delayed : Causes skin irritation.
Causes serious eye irritation.
Harmful if inhaled.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated
exposure.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray to extinguish.
Dry chemical
Carbon dioxide (CO2)
Foam
- Unsuitable extinguishing
media : Do not use a solid water stream as it may scatter and spread
fire.

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-
- | | | |
|--|---|--|
| Specific hazards during fire fighting | : | Prevent buildup of vapors or gases to explosive concentrations.
Hazardous combustion products
Hydrogen chloride
carbon dioxide, carbon monoxide |
| Hazardous combustion products | : | No hazardous combustion products are known |
| Further information | : | Flammable liquid and vapor.
Material will float and may ignite on surface of water. |
| Special protective equipment for fire-fighters | : | Wear self-contained breathing apparatus and protective suit. |
-

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 | : | 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).
Flush away traces with water.
Prevent runoff from entering drains, sewers, or streams. |
-

SECTION 7. HANDLING AND STORAGE

- | | | |
|-----------------------------|---|--|
| Advice on safe handling | : | Wear protective gloves/ protective clothing/ eye protection/ face protection.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground and bond container and receiving equipment.
Use explosion-proof electrical equipment.
Use non-sparking tools.
Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
Use only with adequate ventilation.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product. |
| Conditions for safe storage | : | Keep container tightly closed and in a well-ventilated place.
Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.
Solutions may become hazy, partially precipitate from solution, or gel with time on exposure to low temperature.
Storage of solutions near 25°C will minimize haze and gel |

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formation.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
xylene	1330-20-7	TWA	100 ppm 435 mg/m3	OSHA Z-1
		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
		STEL	150 ppm 655 mg/m3	OSHA P0
		TWA	100 ppm 435 mg/m3	OSHA P0
		TWA	100 ppm 435 mg/m3	ACGIH
		STEL	150 ppm 655 mg/m3	OSHA Z-1
		STEL	150 ppm	ACGIH
		TWA	100 ppm 435 mg/m3	OSHA Z-1
		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
		STEL	150 ppm 655 mg/m3	OSHA P0
		TWA	100 ppm 435 mg/m3	OSHA P0
		TWA	20 ppm	ACGIH
		TWA	100 ppm 435 mg/m3	NIOSH REL
		ST	125 ppm 545 mg/m3	NIOSH REL
ethylbenzene	100-41-4	TWA	100 ppm 435 mg/m3	OSHA Z-1
		TWA	100 ppm 435 mg/m3	OSHA P0
		STEL	125 ppm 545 mg/m3	OSHA P0
		TWA	10 ppm	ACGIH
chlorobenzene	108-90-7	TWA	75 ppm 350 mg/m3	OSHA Z-1
		TWA	75 ppm 350 mg/m3	OSHA P0
		TWA	75 ppm 350 mg/m3	OSHA P0

Engineering measures

: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain

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airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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.

Hand protection

Remarks : Wear suitable gloves.

Eye protection : Wear safety glasses with side shields (or goggles).

Protective measures : Remove respiratory and skin/eye protection only after vapors have been cleared from the area.
Ensure that eye flushing systems and safety showers are located close to the working place.
Use personal protective equipment as required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous liquid

Color : amber

Odor : aromatic

Odor Threshold : not determined

pH : not determined

Melting point/range : not determined

Boiling point/boiling range : 284 °F / 140 °C

Flash point : 73 °F / 23 °C

Method: Tag closed cup

Evaporation rate : not determined

Upper explosion limit / Upper : not determined

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flammability limit

Lower explosion limit / Lower
flammability limit : not determined

Vapor pressure : not determined

Relative vapor density : not determined

Relative density : 0.93 (77 °F / 25 °C)

Solubility(ies)

Water solubility : negligible

Partition coefficient: n-
octanol/water : No data available

Autoignition temperature : not determined

Decomposition temperature : Method: DSC
No exotherm to 450°C

Viscosity

Viscosity, dynamic : 300 - 400 mPa.s (77 °F / 25 °C)

Explosive properties : No data available

Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : None reasonably foreseeable.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reac-
tions : Stable

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition
products : Emits acrid smoke and fumes when heated to decomposition.**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Harmful if inhaled.

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Components:**xylene:**

Acute oral toxicity : LD50 Oral (Rat, male): 3,523 mg/kg

ethylbenzene:

Acute oral toxicity : LD50 Oral (Rat): 3,500 mg/kg

Acute inhalation toxicity : LC50 (Rat): 17 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal (Rabbit): 15,400 mg/kg

chlorobenzene:

Acute oral toxicity : LD50 Oral (Rat): 2,262 mg/kg

Acute inhalation toxicity : LC50 (Rat): 29.7 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal (Guinea pig): > 20,000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Components:**xylene:**

Species : Rabbit
Exposure time : 24 h
Result : slight

ethylbenzene:

Species : Rabbit
Exposure time : 24 h
Result : slight

chlorobenzene:

Species : Guinea pig
Exposure time : 24 h
Result : slight

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:**xylene:**

Species : Rabbit
Result : Severe irritation

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Exposure time : 24 h
Remarks : Causes serious eye irritation.

ethylbenzene:

Species : Rabbit
Result : moderate to strong

chlorobenzene:

Species : Rabbit
Result : slight

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:**xylene:**

Test Type : OECD 429: LLNA
Species : Mouse
Result : non-sensitizing

ethylbenzene:

Test Type : Skin Sensitization
Result : non-sensitizing

chlorobenzene:

Test Type : Skin Sensitization
Species : Guinea pig
Result : non-sensitizing

Germ cell mutagenicity

Not classified based on available information.

Components:**xylene:**

Genotoxicity in vitro : Test Type: Salmonella typhimurium assay (Ames test)
Metabolic activation: +/- activation
Method: Bacterial Reverse Mutation Assay
Result: negative

Genotoxicity in vivo : Species: Rat
Application Route: intraperitoneal injection
Method: Genetic Toxicology: Rodent Dominant Lethal Test

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Result: negative

chlorobenzene:

Genotoxicity in vitro

: Test Type: Mutagenicity - Bacterial
Metabolic activation: +/- activation
Method: Bacterial Reverse Mutation Assay
Result: negative
Remarks: Published study

Test Type: Mutagenicity - Mammalian
Metabolic activation: +/- activation
Method: In vitro Mammalian Chromosome Aberration Test
Result: negative
Remarks: Published study

Test Type: Mutagenicity - Mammalian
Metabolic activation: +/- activation
Method: Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells
Result: negative
Remarks: Published study

Genotoxicity in vivo

: Species: Drosophila melanogaster
Method: Genetic Toxicology: Sex-Linked Recessive Lethal Test in Drosophila melanogaster
Result: negative
Remarks: Published study

Carcinogenicity

Not classified based on available information.

IARC	Group 2B: Possibly carcinogenic to humans ethylbenzene	100-41-4
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OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause respiratory irritation.

Components:**xylene:**

Target Organs : respiratory tract irritation

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ethylbenzene:

Routes of exposure : Inhalation
Target Organs : Narcotic effects

chlorobenzene:

Routes of exposure : Inhalation
Target Organs : Narcotic effects

STOT-repeated exposure

May cause damage to organs (hearing organs) through prolonged or repeated exposure.

Components:**xylene:**

Target Organs : Auditory system

chlorobenzene:

Routes of exposure : Oral
Assessment : Based on available data, the classification criteria are not met.

Repeated dose toxicity**Components:****xylene:**

Species : Rat, Male and Female
NOAEL : 250 mg/kg
Application Route : Oral Study

Species : Rat, male
: 3515 mg/m³
Application Route : Inhalation

chlorobenzene:

Species : Rat, Male and Female
NOAEL : 120 mg/kg
Method : OECD Test No. 451: Carcinogenicity Studies
Remarks : Published study

Species : Rat, Male and Female
: 235 mg/m³
Method : OECD Test No. 416: Two-Generation Reproduction Toxicity Study
Remarks : Published study

Aspiration toxicity

Not classified based on available information.

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Product:

No aspiration toxicity classification

Components:**xylene:**

May be fatal if swallowed and enters airways.

ethylbenzene:

May be fatal if swallowed and enters airways.

chlorobenzene:

May be harmful if swallowed and enters airways.

Information on likely routes of exposure**Product:**

Inhalation	:	Remarks: May cause respiratory irritation.
Skin contact	:	Remarks: Causes skin irritation.
Eye contact	:	Remarks: Causes serious eye irritation.
Ingestion	:	Remarks: May cause damage to organs through prolonged or repeated exposure.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****xylene:**

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 2.6 mg/l Exposure time: 96 h Remarks: Read-across from a similar material
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 3.4 mg/l Exposure time: 24 h
Toxicity to algae/aquatic plants	:	EC50 (Selenastrum capricornutum): 2.2 mg/l Exposure time: 72 h NOEC: (Selenastrum capricornutum): 0.44 mg/l Exposure time: 72 h
Toxicity to fish (Chronic toxicity)	:	NOEC (Oncorhynchus mykiss (rainbow trout)): > 1.3 mg/l Exposure time: 56 d GLP: no

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Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.96 mg/l
Exposure time: 7 d

ethylbenzene:

Toxicity to fish : LC50 (Cyprinodon variegatus (sheepshead minnow)): 275 mg/l
Exposure time: 96 h

LC50 (Pimephales promelas (fathead minnow)): 42.3 - 48.5 mg/l
Exposure time: 96 h

LC50 (Poecilia reticulata (guppy)): 97.1 mg/l
Exposure time: 96 h

chlorobenzene:

Toxicity to fish : LC50 (goldfish): 73.03 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (daphnid): 4.3 mg/l
Exposure time: 48 h

Toxicity to fish (Chronic toxicity) : NOEC (Danio rerio (zebra fish)): 4.8 mg/l
Exposure time: 28 d
Remarks: Published study

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.32 mg/l
Exposure time: 16 d
Remarks: Published study

Persistence and degradability**Components:****xylene:**

Biodegradability : Result: Readily biodegradable.

ethylbenzene:

Biodegradability : Result: Readily biodegradable.

chlorobenzene:

Biochemical Oxygen Demand (BOD) : BOD-5:
30 mg/g

Chemical Oxygen Demand (COD) : 410 mg/g

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BOD/COD : BOD/COD: 7.32 %

ThOD : 2,060 mg/g

Bioaccumulative potential**Components:****xylene:**

Bioaccumulation : Bioconcentration factor (BCF): 7.4 - 18.5

ethylbenzene:

Partition coefficient: n-octanol/water : log Pow: 3.15

Mobility in soil**Components:****ethylbenzene:**

Distribution among environmental compartments : log Koc: 3.12

chlorobenzene:

Distribution among environmental compartments : log Koc: 2.4

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Mix with compatible chemical which is less flammable and incinerate.
Since emptied containers retain product residue, follow label warnings even after container is emptied.
Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container.

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

UN/ID No.	: UN 1139
Proper shipping name	: Coating solution
Class	: 3

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Packing group : III
Labels : Class 3 - Flammable liquids
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355

IMDG-Code

UN number : UN 1139
Proper shipping name : COATING SOLUTION

Class : 3
Packing group : III
Labels : 3
EmS Code : F-E, S-E
Marine pollutant : no

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

Not applicable for product as supplied.

Domestic regulation**49 CFR**

UN/ID/NA number : UN 1139
Proper shipping name : Coating solution

Class : 3
Packing group : III
Labels : Class 3 - Flammable liquids
ERG Code : 127
Marine pollutant : no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know****CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
xylenes	1330-20-7	100	167

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Flammable (gases, aerosols, liquids, or solids)
Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

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SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

xylene	1330-20-7
ethylbenzene	100-41-4
chlorobenzene	108-90-7

California Prop. 65

WARNING: This product can expose you to chemicals including ethylbenzene, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: All substances listed as active on the TSCA inventory
AICS	: On the inventory, or in compliance with the inventory
DSL	: All components of this product are on the Canadian DSL
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

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

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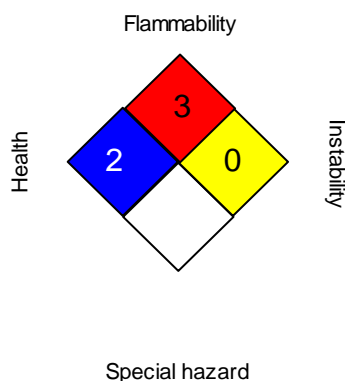
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SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH	: US. ACGIH Threshold Limit Values
ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / STEL	: short-term exposure limit
ACGIH / TWA	: 8-hour, time-weighted average
ACGIH / TWA	: 8-hour, time-weighted average
ACGIH / STEL	: Short-term exposure limit
NIOSH REL / TWA	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	: STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	: 8-hour time weighted average
OSHA P0 / STEL	: Short-term exposure limit
OSHA Z-1 / TWA	: 8-hour time weighted average
OSHA Z-1 / STEL	: 15-minute occupational exposure limit

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC -

**Eastman(TM) Chlorinated Polyolefin 343-1
(40% Solids in Xylene)**

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International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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