Toxicological profile for

Hydrocarbon polymer, Hydrocarbon resin

This ingredient has been assessed to determine potential human health effects for the consumer. It was considered not to increase the inherent toxicity of the product and thus is acceptable under conditions of intended use.

1. Name of substance and physico-chemical properties

1.1. IUPAC systematic name

No data available to us at this time.

1.2. Synonyms

Hydrocarbons, C6-20 polymers, hydrogenated (ChemIDplus); hydrogenated poly(C6-20 olefin) (CosIng)

1.3. Molecular formula

Unspecified (ChemIDplus)

1.4. Structural Formula

No data available to us at this time.

1.5. Molecular weight (g/mol)

No data available to us at this time.

1.6. CAS registration number

69430-35-9

1.7. Properties

No data available to us at this time.

1.7.1. Melting point

(°C): No data available to us at this time.

1.7.2. Boiling point

(°C): No data available to us at this time.

1.7.3. Solubility

No data available to us at this time.

1.7.4. pKa

No data available to us at this time.

1.7.5. Flashpoint

(°C): No data available to us at this time.

1.7.6. Flammability limits (vol/vol%)

No data available to us at this time.

1.7.7. (Auto)ignition temperature

(°C): No data available to us at this time.

1.7.8. Decomposition temperature

(°C): No data available to us at this time.

1.7.9. Stability

No data available to us at this time.

1.7.10. Vapor pressure

No data available to us at this time.

1.7.11. log Kow

No data available to us at this time.

2. General information

2.1. Exposure

Used as an abrasive and viscosity controlling ingredient in cosmetics in the EU. As taken from CosIng (Cosmetic substances and ingredients database). Available at http://ec.europa.eu/growth/tools-databases/cosing/, accessed August 2018.

Hydrogenated poly (C6-20 olefin) is listed as an ingredient in a home maintenance (sealant) product (10-30%) by the US Department of Health and Human Services (2018).

Hydrogenated poly (C6-20 Olefin) (CAS RN 69430-35-9) is listed as an epilating agent by the CIR (2015).

This ingredient is used as part of a material that is fully polymerized, therefore no exposure to this ingredient is anticipated under conditions of use.

National Occupational Exposure Survey (1981 - 1983)
Estimated Numbers of Employees Potentially Exposed to Specific Agents by Occupation*

Agent Name	HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED
CAS #	69430-35-9
RTECS #	
Agent Code	X2864

Code	Occupation Description (1980)	Total # Employees (Male & Female)	Total # Female Employees
514	AUTOMOBILE BODY AND RELATED REPAIRERS	2,936	
516	HEAVY EQUIPMENT MECHANICS	670	
TOTAL		3,606	

*(1) The estimates for each occupation apply across the surveyed industries in which the agent was observed. Not all industries were surveyed, and not all agents were observed in all surveyed industries. (2) When using the estimates, standard errors associated with estimates should be considered.(3) Potential exposures to a chemical agent are categorized as actual (i.e., the surveyor observed the use of the specific agent) or tradename (i.e., the surveyor observed the use of a tradename product known to contain the specific agent). The estimates presented in the table combine both categories.

As taken from NIOSH, available at https://web.archive.org/web/20111024124836/http://www.cdc.gov/noes/noes2/x2864occ.html

2.2. Combustion products

No data available to us at this time.

2.3. Ingredient(s) from which it originates

Hydrogenated Poly(C6-20 olefin) is a polymer synthesized from hydrogenated C6-20 olefins. As taken from CosIng (Cosmetic substances and ingredients database). Available at http://ec.europa.eu/growth/tools-databases/cosing/, accessed August 2018

3. Status in legislation and other official guidance

Pre-registered under REACH (“envisaged registration deadline 30 November 2010”) (ECHA,

2018a).

Hydrocarbons, C6-20, polymers, hydrogenated (CAS RN 69430-35-9) are not classified for packaging and labelling under Regulation (EC) No. 1272/2008 (ECHA, 2018b).

Hydrocarbons, C6-20, polymers, hydrogenated (CAS RN 69430-35-9) are listed in the US EPA Toxic Substances Control Act (TSCA) inventory and are also in the US EPA 2012 CDR list (Chemical Data Reporting Rule) and 2016 CDR Full Exempt list. The Chemical Data Reporting (CDR) Rule requires companies that manufacture (including import) certain chemicals at certain volumes in the U.S. to report to EPA every four years through its CDR..

The TSCA inventory, and 2012 CDR and 2016 CDR Full Exempt lists are available at https://iaspub.epa.gov/sor_internet/registry/substreg/searchandretrieve/searchbylist/search.do

Hydrocarbons, C6-20, polymer, hydrogenated (CAS RN 69430-35-9) are included on the US FDA's Inventory of Effective Food Contact Substance (FCS) Notifications (FDA, 2018).

Hydrocarbons, C6-20, polymers, hydrogenated (CAS RN 69430-35-9) are included on the New Zealand Inventory of Chemicals and may be used as single component chemicals under an appropriate group standard (NZ EPA, 2006).

4. Metabolism/Pharmacokinetics

4.1. Metabolism/metabolites

No data available to us at this time.

4.2. Absorption, distribution and excretion

No data available to us at this time.

4.3. Interactions

No data available to us at this time.

5. Toxicity

5.1. Single dose toxicity

No data available to us at this time.

5.2. Repeated dose toxicity

No data available to us at this time.

5.3. Reproduction toxicity

No data available to us at this time.

5.4. Mutagenicity

No data available to us at this time.

5.5. Cytotoxicity

No data available to us at this time.

5.6. Carcinogenicity

No data available to us at this time.

5.7. Irritation/immunotoxicity

No data available to us at this time.

5.8. All other relevant types of toxicity

No data available to us at this time.

6. Functional effects on

6.1. Broncho/pulmonary system

No data available to us at this time.

6.2. Cardiovascular system

No data available to us at this time.

6.3. Nervous system

No data available to us at this time.

6.4. Other organ systems, dependent on the properties of the substance

No data available to us at this time.

7. Addiction

JTI is not aware of any information that demonstrates that this ingredient has any addictive effect.

8. Burnt ingredient toxicity

No data available to us at this time.

9. Heated/vapor emissions toxicity

No data available to us at this time.

10. Ecotoxicity

10.1. Environmental fate

The Ecological Categorization Results from the Canadian Domestic Substances List simply state that hydrocarbons, C6-20, polymers, hydrogenated are persistent in the environment:

Data accessed December 2014 on the OECD website: http://webnet.oecd.org/CCRWeb/Search.aspx

10.2. Aquatic toxicity

The Ecological Categorization Results from the Canadian Domestic Substances List simply state that hydrocarbons, C6-20, polymers, hydrogenated are not inherently toxic to aquatic organisms:

Data accessed December 2014 on the OECD website: http://webnet.oecd.org/CCRWeb/Search.aspx

10.3. Sediment toxicity

No data available to us at this time.

10.4. Terrestrial toxicity

No data available to us at this time.

10.5. All other relevant types of ecotoxicity

The Ecological Categorization Results from the Canadian Domestic Substances List simply state that hydrocarbons, C6-20, polymers, hydrogenated are not bioaccumulative in the environment:

Data accessed December 2014 on the OECD website: http://webnet.oecd.org/CCRWeb/Search.aspx

11. References for conventional products

- ChemIDplus. Accessed August 2018. Available at https://chem.nlm.nih.gov/chemidplus/
- CIR (2015). Cosmetic Ingredient Review Expert Panel. Safety assessment of polyene group as used in cosmetics. Final report dated 9 uly 2015. Available at http://www.cir-safety.org/sites/default/files/polyen062015%20-%20final.pdf
- CosIng Cosmetic substances and ingredients database. Record for hydrogenated poly(C6-20 olefin). Undated, accessed August 2018. Available at http://ec.europa.eu/growth/tools-databases/cosing/
- ECHA (2018a). European Chemicals Agency. Information on Chemicals. Record for hydrocarbons, C6-20, polymers, hydrogenated. Last updated 7 February 2018. Accessed August 2018. Available at: https://echa.europa.eu/information-on-chemicals/pre-registered-substances
- ECHA (2018b). European Chemicals Agency. Classification and Labelling (C&L) Inventory database. Last updated 4 August 2018. Accessed August 2018. Available at: https://echa.europa.eu/information-on-chemicals/cl-inventory-database
- FDA (2018). US Food and Drug Administration. Inventory of Effective Food Contact Substance (FCS) Notifications. Last updated 31 July 2018. Available at https://www.accessdata.fda.gov/scripts/fdcc/?set=FCN

- NIOSH (undated). National Occupational Exposure Survey (1981 - 1983). Estimated Numbers of Employees Potentially Exposed to Specific Agents by Occupation. Record for hydrocarbons, C6-20, polymers, hydrogenated (CAS RN 69430-35-9). Available at https://web.archive.org/web/20111024124836/http://www.cdc.gov/noes/noes2/x2864occ.html
- NZ EPA (2006). New Zealand Environmental Protection Authority. Inventory of Chemicals. Record for hydrocarbons, C6-20, polymers, hydrogenated (CAS RN 69430-35-9). Date added to inventory: 1 December 2006. Accessed August 2018. Available at: https://www.epa.govt.nz/database-search/new-zealand-inventory-of-chemicals-nzioc/view/34020
- US Department of Health and Human Services (2018). Household Products Database. Last updated June 2018. Accessed August 2018. Available at https://hpd.nlm.nih.gov/index.htm
- US EPA 2012 CDR list (Chemical Data Reporting Rule). Accessed August 2018. Available at https://iaspub.epa.gov/sor_internet/registry/substreg/searchandretrieve/searchbylist/search.do
- US EPA 2016 CDR Full Exempt list (Chemical Data Reporting Rule). Accessed August 2018. Available at https://iaspub.epa.gov/sor_internet/registry/substreg/searchandretrieve/searchbylist/search.do
- US EPA TSCA inventory. Accessed August 2018. Available at https://iaspub.epa.gov/sor_internet/registry/substreg/searchandretrieve/searchbylist/search.do

12. Other information

- Rodgman A and Perfetti TA (2009). The Chemical Components Identified in Tobacco and Tobacco Smoke Prior to 1954: A Chronology of Classical Chemistry. Beiträge zur Tabakforschung 23(5), 277–333. Available at http://www.degruyter.com/view/j/cttr.2009.23.issue-5/cttr-2013-0866/cttr-2013-0866.xml?rskey=WNldLb&result=1

13. Last audited

September 2018

Eastotac(TM) C-115W Resin

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	08/22/2018	150000038435	Date of first issue: 09/06/2016
PRD		SDSUS / Z8 / 0001	

SECTION 1. IDENTIFICATION

Product name : Eastotac(TM) C-115W Resin

Product code : C-115W, P2182101, P2182102, P2182103, P2182104

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 : Ink.
Adhesive

Restrictions on use : None known.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Combustible dust

GHS label elements

Signal Word : Warning

Hazard Statements : If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

Precautionary Statements : **Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Ingredients

Chemical name	CAS-No.	Concentration (% w/w)

hydrocarbon resin	69430-35-9	> 99
stabilizer(s)	not applicable	< 1

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. Cool skin rapidly with cold water after contact with molten material. Do not peel solidified product off the skin. Burns must be treated by a physician.
In case of eye contact	:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	:	Seek medical advice.
Most important symptoms and effects, both acute and delayed	:	The molten product can cause serious burns.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Dry chemical Carbon dioxide (CO2)
Unsuitable extinguishing media	:	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during fire fighting	:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Hazardous combustion products	:	No hazardous combustion products are known
Further information	:	Minimize dust generation and accumulation.
Special protective equipment for fire-fighters	:	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 emer-	:	Wear appropriate personal protective equipment. Local authorities should be advised if significant spillages

gency procedures cannot be contained.

Environmental precautions : Avoid release to the environment.

Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Minimize dust generation and accumulation.

Advice on safe handling : Wash thoroughly after handling.
Use only in area provided with appropriate exhaust ventilation.
Minimize dust generation and accumulation.

Conditions for safe storage : Keep tightly closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

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 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. Wear respiratory protection when its use is identified for certain contributing scenario.

Hand protection

Remarks : Wear suitable gloves. When handling hot material, use heat resistant gloves.

Eye protection : Safety glasses
Wear a face shield when working with molten material.

Skin and body protection : Wear suitable protective clothing.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	flakes
Color	:	various
Odor	:	odorless
Odor Threshold	:	not determined
pH	:	not determined
Softening point	:	239 °F / 115 °C
Boiling point/boiling range	:	not determined
Flash point	:	502 °F / 261 °C Method: closed cup
Evaporation rate	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Vapor pressure	:	not determined
Relative vapor density	:	not determined
Relative density	:	1.04 (77 °F / 25 °C)
Solubility(ies)		
Water solubility	:	negligible
Partition coefficient: n-octanol/water	:	No data available
Autoignition temperature	:	not determined
Decomposition temperature	:	Thermal stability not tested. Low stability hazard expected at normal operating temperatures.
Viscosity		
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	not determined
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 reactions : Stable

Conditions to avoid : Minimize dust generation and accumulation.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO2)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : No data available

Ingredients:

hydrocarbon resin:

Species : Guinea pig
Exposure time : 24 h
Result : none

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks : No data available

Ingredients:

hydrocarbon resin:

Species	:	Rabbit
Result	:	slight
Method	:	unwashed eyes

Species	:	Rabbit
Result	:	slight
Method	:	washed eyes

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks	:	No data available

Ingredients:

hydrocarbon resin:

Test Type	:	Skin sensitization
Species	:	Guinea pig
Result	:	Does not cause skin sensitization.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Product:

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

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

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.

Product:

Effects on fertility	:	Remarks: No data available

STOT-single exposure

Not classified based on available information.

Product:

Remarks : No data available

STOT-repeated exposure

Not classified based on available information.

Product:

Remarks : No data available

Aspiration toxicity

Not classified based on available information.

Product:

No data available

Information on likely routes of exposure

Product:

Inhalation : Remarks: None known.

Skin contact : Remarks: The molten product can cause serious burns.

Eye contact : Remarks: The molten product can cause serious burns.

Ingestion : Remarks: None known.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

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).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

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

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.

Domestic regulation

49 CFR
Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Ingredients	CAS-No.	Component TPQ (lbs)

SARA 311/312 Hazards : Combustible dust
Fire Hazard

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

hydrocarbon resin	69430-35-9

New Jersey Right To Know

hydrocarbon resin	69430-35-9

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

DSL	:	All components of this product are on the Canadian DSL
AICS	:	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

TSCA list

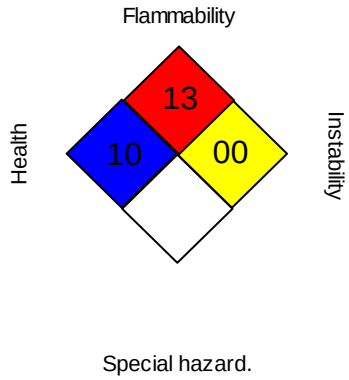
No substances are subject to a Significant New Use Rule.

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

SECTION 16. OTHER INFORMATION

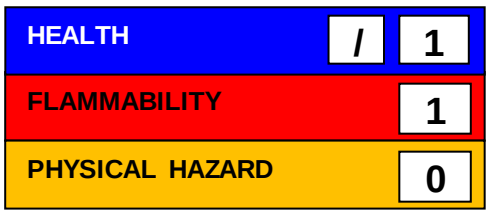
Further information

NFPA 704:



Special hazard.

HMIS® IV:



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

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 - 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

Revision Date : 08/22/2018

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

US / Z8