

ARADUR® HY 5716 US

Version 1.1 Revision Date: 08/08/2022 SDS Number: 400001012770 Date of last issue: 06/20/2018
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Print Date 03/24/2026

SECTION 1. IDENTIFICATION

Product name : ARADUR® HY 5716 US

Manufacturer or supplier's detailsCompany name of supplier : Huntsman Advanced Materials Americas LLC
Address : P.O. Box 4980The Woodlands,
TX 77387
United States of America (USA)

Telephone : Non-Emergency: (800) 257-5547

E-mail address : Global_Product_EHS_AdMat@huntsman.com

Emergency telephone number : Chemtrec: (800) 424-9300 or (703) 527-3887

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Serious eye damage : Category 1

Respiratory sensitisation : Category 1

Skin sensitisation : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.Precautionary statements : **Prevention:**
P261 Avoid breathing mist or vapours.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/ eye protection/ face protection.
P285 In case of inadequate ventilation wear respiratory protection.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P341 IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

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P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

P363 Wash contaminated clothing before reuse.

Storage:

Not available

Disposal:

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
hexahydromethylphthalic anhydride	25550-51-0	50 - 70
tetrahydro-4-methylphthalic anhydride	34090-76-1	10 - 20
cyclohexane-1,2-dicarboxylic anhydride	85-42-7	10 - 20

The specific chemical identity and/or exact percentage (concentration) of composition may be withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
 Consult a physician.
 Show this safety data sheet to the doctor in attendance.
 Treat symptomatically.
 Get medical attention if symptoms occur.

If inhaled : Call a physician or poison control centre immediately.
 If inhaled, remove to fresh air.
 Get medical attention if symptoms occur.

In case of skin contact : If on skin, rinse well with water.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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		Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
Most important symptoms and effects, both acute and delayed	:	None known.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection and use the recommended protective clothing If potential for exposure exists refer to Section 8 for specific personal protective equipment. Avoid inhalation, ingestion and contact with skin and eyes. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical
Unsuitable extinguishing media	:	Exercise caution when using a high volume water jet as it may scatter and spread fire
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	Carbon oxides
Specific extinguishing methods	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Ensure adequate ventilation. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform

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respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
 Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
 Do not breathe vapours/dust.
 Avoid exposure - obtain special instructions before use.
 Avoid contact with skin and eyes.
 For personal protection see section 8.
 Smoking, eating and drinking should be prohibited in the application area.
 To avoid spills during handling keep bottle on a metal tray.
 Dispose of rinse water in accordance with local and national regulations.
 Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
 Keep in properly labelled containers.

Materials to avoid : Keep away from strong bases.

Further information on storage stability : Stable under normal conditions.

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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
cyclohexane-1,2-dicarboxylic anhydride	85-42-7	C (Inhalable fraction and vapor)	0.005 mg/m ³	ACGIH

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where

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concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

Remarks : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection

: Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : amber
Odour : No data is available on the product itself.
Odour Threshold : No data is available on the product itself.

pH : 4.5

Melting point/freezing point : No data is available on the product itself.

Boiling point : No data is available on the product itself.
Flash point : > 199.99 °F / > 93.33 °C
Method: estimated, closed cup

Evaporation rate : No data is available on the product itself.

Flammability (solid, gas) : No data is available on the product itself.

Flammability (liquids) : No data is available on the product itself.

Upper explosion limit / Upper flammability limit : No data is available on the product itself.

Lower explosion limit / Lower flammability limit : No data is available on the product itself.

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Vapour pressure : No data is available on the product itself.

Relative vapour density : No data is available on the product itself.

Relative density : 1.2

Density : 1.2 g/cm3

Solubility(ies)

Water solubility : slightly soluble

Solubility in other solvents : No data is available on the product itself.

Partition coefficient: n-octanol/water : No data is available on the product itself.

Auto-ignition temperature : No data is available on the product itself.

Decomposition temperature : No data is available on the product itself.

Self-Accelerating decomposition temperature (SADT) : No data is available on the product itself.

Viscosity : No data is available on the product itself.

Explosive properties : No data is available on the product itself.

Oxidizing properties : No data is available on the product itself.

Particle size : No data is available on the product itself.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No hazards to be specially mentioned.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : No decomposition if stored and applied as directed.

Hazardous decomposition products : carbon dioxide
carbon monoxide

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Components:****hexahydromethylphthalic anhydride:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

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tetrahydro-4-methylphthalic anhydride:

Acute oral toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 401
Assessment: The substance or mixture has no acute oral toxicity
Remarks: No mortality observed at this dose.

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: No mortality observed at this dose.

cyclohexane-1,2-dicarboxylic anhydride:

Acute oral toxicity : LD50 (Rat, male and female): 4,040 mg/kg
Method: Other guidelines
GLP: no
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat, male and female): > 1.100 mg/m³
Exposure time: 4 h
Test atmosphere: vapour
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 Dermal (Rabbit, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation**Product:**

Result : No skin irritation

Components:**tetrahydro-4-methylphthalic anhydride:**

Species : Rabbit
Exposure time : 24 h
Method : Other guidelines
Result : No skin irritation

cyclohexane-1,2-dicarboxylic anhydride:

Species : Rabbit
Exposure time : 24 h
Assessment : No skin irritation
Method : Other guidelines
Result : No skin irritation
GLP : no

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Serious eye damage/eye irritation**Components:****hexahydromethylphthalic anhydride:**

Species : Rabbit
Result : Risk of serious damage to eyes.

tetrahydro-4-methylphthalic anhydride:

Species : Rabbit
Result : Risk of serious damage to eyes.
Method : OECD Test Guideline 405

cyclohexane-1,2-dicarboxylic anhydride:

Species : Rabbit
Result : Risk of serious damage to eyes.
Exposure time : 30 s
Assessment : Risk of serious damage to eyes.
Method : Other guidelines

Respiratory or skin sensitisation**Components:****hexahydromethylphthalic anhydride:**

Result : May cause sensitisation by inhalation.
Result : May cause sensitisation by skin contact.

tetrahydro-4-methylphthalic anhydride:

Result : May cause sensitisation by inhalation.
Result : May cause sensitisation by skin contact.

cyclohexane-1,2-dicarboxylic anhydride:

Test Type : Maximisation Test
Exposure routes : Dermal
Species : Guinea pig
Assessment : May cause sensitisation by skin contact.
Method : OECD Test Guideline 406
Result : May cause sensitisation by skin contact.
GLP : no

Test Type : see user defined free text
Exposure routes : inhalation (vapour)
Species : Humans
Assessment : May cause sensitisation by inhalation.
Result : May cause sensitisation by inhalation.

Germ cell mutagenicity**Components:****tetrahydro-4-methylphthalic anhydride:**

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Genotoxicity in vitro : Test Type: gene mutation test
 Test system: mouse lymphoma cells
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 476
 Result: negative

Test Type: Chromosome aberration test in vitro
 Test system: Chinese hamster fibroblasts
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 473
 Result: negative

Test Type: Ames test
 Test system: Salmonella tryphimurium and E. coli
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 471
 Result: negative

cyclohexane-1,2-dicarboxylic anhydride:

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro
 Test system: Human lymphocytes
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 473
 Result: negative
 GLP: yes

Test Type: Ames test
 Test system: Salmonella tryphimurium and E. coli
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 471
 Result: negative
 GLP: yes

Test Type: In vitro mammalian cell gene mutation test
 Test system: mouse lymphoma cells
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 476
 Result: negative
 GLP: yes

Germ cell mutagenicity - Assessment : In vitro tests did not show mutagenic effects

Carcinogenicity

IARC 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.

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 component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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Reproductive toxicity**Components:****tetrahydro-4-methylphthalic anhydride:**

Effects on fertility : Test Type: Combined Repeated Dose Toxicity Study with the
 Reproduction / Developmental Toxicity Screening Test
 Species: Rat, male and female
 Application Route: Oral
 Dose: 0, 30, 100 and 300 mg/kg
 General Toxicity - Parent: NOAEL: > 300 mg/kg body weight
 General Toxicity F1: NOAEL: > 300 mg/kg body weight
 Method: OECD Test Guideline 422

cyclohexane-1,2-dicarboxylic anhydride:

Effects on fertility : Test Type: Reproduction / Developmental Toxicity Screening
 Test
 Species: Rat, male and female
 Application Route: Oral
 Dose: 0, 100, 300, 1000 mg/kg
 Frequency of Treatment: 7 days/week
 General Toxicity - Parent: LOAEL: 1,000 mg/kg body weight
 General Toxicity F1: NOAEL: 1,000 mg/kg body weight
 Method: OECD Test Guideline 421
 Result: Animal testing did not show any effects on fertility.
 GLP: yes

Effects on foetal development : Species: Rat, male and female
 Application Route: Oral
 Dose: 0, 100, 300 and 1000 mg/kg bo
 Frequency of Treatment: 1 daily
 General Toxicity Maternal: LOAEL: 1,000 mg/kg body weight
 Developmental Toxicity: NOAEL: 1,000 mg/kg body weight
 Method: OECD Test Guideline 421
 Result: No adverse effects
 GLP: yes

Reproductive toxicity - Assessment : No toxicity to reproduction
 No toxicity to reproduction

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Repeated dose toxicity**Components:****tetrahydro-4-methylphthalic anhydride:**

Species : Rat, male and female
 NOAEL : 100 mg/kg
 Application Route : Oral
 Exposure time : 49 days
 Number of exposures : daily
 Dose : 0, 30, 100 and 300mg/kg/day

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Control Group : yes
Method : OECD Test Guideline 422

cyclohexane-1,2-dicarboxylic anhydride:

Species : Rat, male and female
NOEL : 100 mg/kg
NOAEL : 100 mg/kg
Application Route : Oral
Exposure time : 6 Weeks
Number of exposures : one daily
Dose : 0, 100, 300, 1000 mg/kg
Control Group : yes
Method : OECD Test Guideline 407
GLP : yes
Target Organs : Respiratory system, Stomach

Aspiration toxicity

No data available

Experience with human exposure

No data available

Toxicology, Metabolism, Distribution

No data available

Neurological effects

No data available

Further information

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****tetrahydro-4-methylphthalic anhydride:**

Toxicity to fish : LC50 (*Oryzias latipes* (Japanese medaka)): > 100 mg/l
Exposure time: 96 h
Test Type: flow-through test
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 130 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EC50 (*Pseudokirchneriella subcapitata* (algae)): 64 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

NOEC (*Pseudokirchneriella subcapitata* (algae)): 32 mg/l
Exposure time: 72 h
Test Type: static test

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Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC (Oryzias latipes (Japanese medaka)): 100 mg/l
 Exposure time: 14 d
 Test Type: flow-through test
 Method: OECD Test Guideline 204

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 20 mg/l
 Exposure time: 21 d
 Test Type: semi-static test
 Method: OECD Test Guideline 211

Toxicity to microorganisms : EC50 (activated sludge): 69.87 mg/l
 Exposure time: 3 h
 Test Type: flow-through test
 Method: OECD Test Guideline 209

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

cyclohexane-1,2-dicarboxylic anhydride:

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 1,000 mg/l
 End point: mortality
 Exposure time: 96 h
 Test Type: static test
 Analytical monitoring: no
 Method: OECD Test Guideline 203
 GLP: no

NOEC: 1,000 mg/l

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 100 mg/l
 Exposure time: 48 h
 Test Type: static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 202
 GLP: yes

NOEC: 100 mg/l

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 90.5 mg/l
 Exposure time: 72 h
 Test Type: static test
 Method: OECD Test Guideline 201
 GLP: yes

EyC50 (Pseudokirchneriella subcapitata (green algae)): 70.3 mg/l
 Test Type: static test
 Method: OECD Test Guideline 201
 GLP: yes

NOEC (Pseudokirchneriella subcapitata (green algae)): 46.9 mg/l

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Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

Toxicity to microorganisms : EC50 (activated sludge): 370 mg/l
Exposure time: 3 h
Test Type: static test
Method: OECD Test Guideline 209
GLP: yes

Persistence and degradability**Components:****tetrahydro-4-methylphthalic anhydride:**

Biodegradability : aerobic
Inoculum: activated sludge
Concentration: 100 mg/l
Dissolved organic carbon (DOC)
Result: Not readily biodegradable.
Biodegradation: 0 %
Exposure time: 28 d
Method: OECD Test Guideline 301C

Stability in water : Degradation half life (DT50): 4.3 min (5 °C) pH: 7
Method: OECD Test Guideline 111

Degradation half life (DT50): 3.2 min (20 °C) pH: 7
Method: OECD Test Guideline 111

Degradation half life (DT50): 2.9 min (25 °C) pH: 7
Method: OECD Test Guideline 111

cyclohexane-1,2-dicarboxylic anhydride:

Biodegradability : aerobic
Inoculum: activated sludge, non-adapted
Concentration: 24 mg/l
Result: Readily biodegradable.
Biodegradation: 98 %
Exposure time: 28 d
Method: Directive 67/548/EEC Annex V, C.4.A.
GLP: yes
Remarks: Readily biodegradable, according to appropriate OECD test.

Bioaccumulative potential**Components:****tetrahydro-4-methylphthalic anhydride:**

Partition coefficient: n- : log Pow: 1.88 (104 °F / 40 °C)
octanol/water pH: 5.9
Method: OECD Test Guideline 117

cyclohexane-1,2-dicarboxylic anhydride:

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Bioaccumulation : Species: Fish
Bioconcentration factor (BCF): 4.73

Partition coefficient: n-octanol/water : log Pow: -4.14 (68 °F / 20 °C)
Method: QSAR

log Pow: -0.31 (68 °F / 20 °C)
Method: QSAR

log Pow: 1.59 (68 °F / 20 °C)
Method: QSAR

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 contents and container in accordance with all local,
regional, national and international regulations.
Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with
chemical or used container.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as dangerous goods

IATA-DGR

Not regulated as dangerous goods

IMDG-Code

Not regulated as dangerous goods

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

Not applicable for product as supplied.

National Regulations

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49 CFR

Not regulated as dangerous goods

Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 311/312 Hazards : Serious eye damage or eye irritation
Respiratory or skin sensitisation

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.

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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

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

AIIC : On the inventory, or in compliance with the inventory

NZIoC : Not in compliance with the inventory

ENCS : 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 : All substances listed as active on the TSCA inventory

Inventories

AIIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TECI (Thailand), TSCA (USA)

TSCA - 5(a) Significant New Use Rule List of Chemicals

No substances are subject to a Significant New Use Rule.

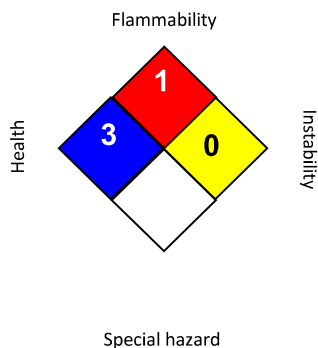
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US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

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

SECTION 16. OTHER INFORMATION**Further information****NFPA 704:****HMIS® IV:**

HEALTH	*	3
FLAMMABILITY		1
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

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ACGIH : USA. ACGIH Threshold Limit Values (TLV)
 ACGIH / C : Ceiling limit

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