



SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier **Xylene**
Other means of identification
 Product code **ADV 123-5**
 Recommended use **Solvent**

Manufacturer/Importer/Supplier/Distributor information

Company name INTERNATIONAL AUTOBODY MARKETING GROUP
Address 1505 NORTH HAYDEN RD, SUITE 111
 SCOTTSDALE, AZ 85257
 UNITED STATES

Website www.advantagerefinish.com

Telephone 1-87-REFINISH
 480.451.4451

Emergency phone number 800-424-9300 ChemTrec EMERGENCY 24 Hrs.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids	Category 3
Acute toxicity (Inhalation)	Category 4
Acute toxicity (Dermal)	Category 4
Skin irritation	Category 2
Eye irritation	Category 2A
Specific target organ tox- icity - single exposure	Category 3 (Respiratory system)
Specific target organ tox- icity - repeated exposure	Category 2 (Liver, Kidney, Central nervous system)
Specific target organ tox- icity - repeated exposure (Oral)	Category 2
Aspiration hazard	Category 1

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GHS Label element

Hazard pictograms



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 + H332 Harmful in contact with skin or if inhaled
H315+H319 Causes skin irritation and serious eye damage
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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/ vapours/ 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:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician 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.

P331 Do NOT induce vomiting.

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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 for extinction.
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.

Potential Health Effects

Carcinogenicity:

IARC

Group 2B: Possibly carcinogenic to humans

100-41-4 **Ethylbenzene

98-82-8 **Cumene

ACGIH

Confirmed animal carcinogen with unknown relevance to humans

100-41-4 **Ethylbenzene

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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.

Emergency Overview

Appearance	liquid
Colour	clear, colourless
Odour	sweet, aromatic, hydrocarbon-like
Hazard Summary	No information available.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

CAS-No.	Chemical Name	Concentration (%)
1330-20-7	Mixed xylenes	90 - 100
100-41-4	**Ethylbenzene	0 - 30
108-88-3	**Toluene	1 - 5
98-82-8	**Cumene	0.1 - 1

Special Notes:

Mixed Xylenes contains the isomers o-, m-, p- Xylene, and Ethylbenzene. Trace amounts of Toluene and Benzene may also be present as impurities., ** Other substances in the product which may present a health or environmental hazard.

SECTION 4. FIRST AID MEASURES

General advice	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.
If inhaled	If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical
Unsuitable extinguishing media	High volume water jet
Specific hazards during firefighting	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	No hazardous combustion products are known
Specific extinguishing methods	Use a water spray to cool fully closed containers.
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. For safety reasons in case of fire, cans should be stored separately in closed containments.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for fire-fighting if necessary.

NFPA Flammable and Combustible Liquids Classification:

Flammable Liquid Class IC

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
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

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inform respective authorities.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling

Avoid formation of aerosol.
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.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage

No smoking.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
1330-20-7	Mixed xylenes	TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
		TWA	100 ppm	OSHA Z-1

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			435 mg/m ³	
100-41-4	**Ethylbenzene	TWA	20 ppm	ACGIH
		TWA	100 ppm 435 mg/m ³	NIOSH REL
		ST	125 ppm 545 mg/m ³	NIOSH REL
		TWA	100 ppm 435 mg/m ³	OSHA Z-1
		TWA	100 ppm 435 mg/m ³	OSHA P0
		STEL	125 ppm 545 mg/m ³	OSHA P0
108-88-3	**Toluene	TWA	20 ppm	ACGIH
		TWA	100 ppm 375 mg/m ³	NIOSH REL
		ST	150 ppm 560 mg/m ³	NIOSH REL
		TWA	200 ppm	OSHA Z-2
		CEIL	300 ppm	OSHA Z-2
		Peak	500 ppm	OSHA Z-2
		TWA	100 ppm 375 mg/m ³	OSHA P0
		STEL	150 ppm 560 mg/m ³	OSHA P0
98-82-8	**Cumene	TWA	50 ppm	ACGIH
		TWA	50 ppm 245 mg/m ³	NIOSH REL
		TWA	50 ppm 245 mg/m ³	OSHA Z-1
		TWA	50 ppm 245 mg/m ³	OSHA P0

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
**Ethylbenzene	100-41-4	Sum of mandelic acid and phenyl glyoxylic acid	Urine	End of shift at end of work-week	0.7 g/g creatinine	ACGIH BEI
**Toluene	108-88-3	Toluene	In blood	Prior to last shift of work-week	0.02 mg/l	ACGIH BEI
		Toluene	Urine	End of shift	0.03 mg/l	ACGIH BEI

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				(As soon as possible after exposure ceases)		
		o-Cresol	Urine	End of shift (As soon as possible after exposure ceases)	0.3 mg/g Creatinine	ACGIH BEI

Personal protective equipment

Respiratory protection	No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.
Hand protection Remarks	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	clear, colourless

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Odour	sweet, aromatic, hydrocarbon-like
Odour Threshold	No data available
pH	No data available
Freezing Point (Melting point/freezing point)	-48 - -25 °C (-54 - -13 °F)
Boiling Point (Boiling point/boiling range)	138 - 142 °C (280 - 288 °F)
Flash point	27 °C (81 °F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Burning rate	No data available
Upper explosion limit	7 %(V)
Lower explosion limit	1 %(V)
Vapour pressure	7 mmHg @ 20 °C (68 °F)
Relative vapour density	3.7(Air = 1.0)
Relative density	0.87Reference substance: (water = 1)
Density	0.8632 g/cm ³
Bulk density	No data available
Solubility(ies)	
Water solubility	practically insoluble
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	432 °C
Thermal decomposition	No data available
Regulatory VOC (lbs/gal)	7.25
Regulatory VOC (g/l)	870.00
Actual VOC (lbs/gal)	7.25
Actual VOC (g/l)	870.00

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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	Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	Acids alkalis Strong oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:

1330-20-7:

Acute oral toxicity	LD50 (rat, male): 3,523 mg/kg Method: EU Method B.1 (Acute Toxicity, Oral) GLP: no
Acute inhalation toxicity	LC50 (rat, male): 6700 ppm Exposure time: 4 h Method: Directive 67/548/EEC, Annex V, B.2. Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity	LD50 (rabbit): 1,100 mg/kg Assessment: The component/mixture is moderately toxic after single contact with skin.

Skin corrosion/irritation

Product:

Result: Irritating to skin.

Components:

1330-20-7:

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Species: rabbit
Exposure time: 24 h
Result: Irritating to skin.

Serious eye damage/eye irritation

Product:

Result: Irritating to eyes.

Components:

1330-20-7:

Species: rabbit
Result: Irritating to eyes.

Respiratory or skin sensitisation

Components:

1330-20-7:

Remarks: No data available

Germ cell mutagenicity

Components:

1330-20-7:

Genotoxicity in vitro

Test Type: Chromosome aberration test in vitro
Test species: Chinese hamster ovary (CHO)
Metabolic activation: with and without metabolic activation
Method: Mutagenicity (in vitro mammalian cytogenetic test)
Result: negative

Test Type: Sister chromatid exchange assay in mammalian cells
Test species: Chinese hamster ovary (CHO)
Metabolic activation: with and without metabolic activation
Result: negative

Genotoxicity in vivo

Test Type: Dominant lethal assay
Test species: mouse
Application Route: Subcutaneous
Exposure time: 8 wk
Dose: 1.0 mL/kg
Method: OECD Test Guideline 478
Result: negative
GLP: no

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Germ cell mutagenicity-
Assessment

Animal testing did not show any mutagenic effects.

Carcinogenicity

Components:

1330-20-7:

Species: mouse, (male and female)
Application Route: Oral
Exposure time: 103 wk
Dose: 0, 500 or 1000 mg/kg
Frequency of Treatment: 5 days/week
Method: Directive 67/548/EEC, Annex V, B.32.
Result: did not display carcinogenic properties
GLP: No data available

Carcinogenicity - As-
sessment

Animal testing did not show any carcinogenic effects.

100-41-4:

Carcinogenicity - As-
sessment

Not classifiable as a human carcinogen.

98-82-8:

Carcinogenicity - As-
sessment

Not classifiable as a human carcinogen.

Reproductive toxicity

Components:

1330-20-7:

Effects on fertility

Test Type: Two-generation study
Species: rat, male and female
Application Route: Inhalation
Dose: 0, 25, 100 and 500 ppm
Duration of Single Treatment: 6 h
Frequency of Treatment: 7 days/week
General Toxicity - Parent: NOAEC: > 500 ppm
General Toxicity F1: NOAEC: > 500 ppm
Early Embryonic Development: NOAEC: > 500 ppm
Result: No reproductive effects.

Effects on foetal devel-
opment

Species: rat
Application Route: Inhalation
Dose: 0, 100, 500, 1000 or 2000 ppm
Duration of Single Treatment: 14 d
Frequency of Treatment: 6 hr/day
General Toxicity Maternal: NOAEC: 500 ppm

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Teratogenicity: NOAEC: > 2,000
 Developmental Toxicity: NOAEC: 100 ppm
 Result: No teratogenic effects., Developmental toxicity occurred at maternal toxicity dose levels

Reproductive toxicity - Assessment

Animal testing did not show any effects on fertility. Damage to fetus not classifiable

STOT - single exposure

Product:No data available

Components:
1330-20-7:

Exposure routes:	Target Organs:	Assessment:	Remarks:
Inhalation	Respiratory system	May cause respiratory irritation., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.	

100-41-4:No data available

108-88-3:No data available

98-82-8:No data available

STOT - repeated exposure

Product:No data available

Components:
1330-20-7:

Exposure routes:	Target Organs:	Assessment:	Remarks:
	Liver, Kidney, Central nervous system	May cause damage to organs through prolonged or repeated exposure., The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.	

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100-41-4:No data available

108-88-3:No data available

98-82-8:No data available

Repeated dose toxicity

Components:

1330-20-7:

Species: rat, male and female

NOAEL: 250 mg/kg

Application Route: Oral

Exposure time: 103 wk

Number of exposures: 5 d/wk

Dose: 0, 250 or 500 mg/kg

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration toxicity

Components:

1330-20-7:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

1330-20-7:

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 2.6 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

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Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 1 mg/l
Exposure time: 24 h
Test Type: static test
Method: OECD Test Guideline 202

Toxicity to algae

EC50 (Pseudokirchneriella subcapitata): 4.36 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes

Ecotoxicology Assessment
Acute aquatic toxicity

Toxic to aquatic life.

Chronic aquatic toxicity

Toxic to aquatic life with long lasting effects.

Persistence and degradability

Components:

1330-20-7:

Biodegradability

Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: 72 %
Exposure time: 20 d

Bioaccumulative potential

Components:

1330-20-7:

Partition coefficient: n-octanol/water

log Pow: 2.77 - 3.15

108-88-3:

Partition coefficient: n-octanol/water

log Pow: 2.73

98-82-8:

Partition coefficient: n-octanol/water

log Pow: 3.55 (23 °C)

Mobility in soil

No data available

Other adverse effects

No data available

Product:

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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).
Additional ecological information	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

IATA (International Air Transport Association): UN1307, XYLENES, 3, III, Flash Point:27 °C(81 °F)

IMDG (International Maritime Dangerous Goods): UN1307, XYLENES, 3, III, Marine Pollutant (MIXED XYLENES, ETHYLBENZENE)

DOT (Department of Transportation): UN1307, XYLENES, 3, III

SECTION 15. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Harmful by skin absorption., Moderate skin irritant, Moderate eye irritant, Moderate respiratory irritant, Aspiration hazard

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WHMIS Classification

B2: Flammable liquid
D2A: Very Toxic Material Causing Other Toxic Effects
D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

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

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312

Hazards

Fire Hazard
Chronic Health Hazard
Acute Health Hazard

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

100-41-4	**Ethylbenzene	30 %
108-88-3	**Toluene	4.9999 %
98-82-8	**Cumene	1 %
71-43-2	**Benzene	0.02 %

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).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489):

1330-20-7	Mixed xylenes	100 %
100-41-4	**Ethylbenzene	30 %
108-88-3	**Toluene	4.9999 %
98-82-8	**Cumene	1 %
71-43-2	**Benzene	0.02 %

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

1330-20-7	Mixed xylenes	100 %
100-41-4	**Ethylbenzene	30 %
108-88-3	**Toluene	4.9999 %
71-43-2	**Benzene	0.02 %

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

1330-20-7	Mixed xylenes	100 %
100-41-4	**Ethylbenzene	30 %
108-88-3	**Toluene	4.9999 %
71-43-2	**Benzene	0.02 %

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This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307

100-41-4	**Ethylbenzene	30 %
108-88-3	**Toluene	4.9999 %

US State Regulations

Massachusetts Right To Know

1330-20-7	Mixed xylenes	90 - 100 %
100-41-4	**Ethylbenzene	0 - 30 %
108-88-3	**Toluene	1 - 5 %
98-82-8	**Cumene	0.1 - 1 %
71-43-2	**Benzene	0 - 0.1 %

Pennsylvania Right To Know

1330-20-7	Mixed xylenes	90 - 100 %
100-41-4	**Ethylbenzene	0 - 30 %
108-88-3	**Toluene	1 - 5 %
98-82-8	**Cumene	0.1 - 1 %
71-43-2	**Benzene	0 - 0.1 %

New Jersey Right To Know

1330-20-7	Mixed xylenes	90 - 100 %
100-41-4	**Ethylbenzene	0 - 30 %
108-88-3	**Toluene	1 - 5 %
98-82-8	**Cumene	1 - 5 %

California Prop 65

	WARNING! This product contains a chemical known to the State of California to cause cancer.
100-41-4	**Ethylbenzene
98-82-8	**Cumene
71-43-2	**Benzene
	WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
108-88-3	**Toluene
71-43-2	**Benzene

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

United States TSCA Inventory	y (positive listing) (On TSCA Inventory)
Canadian Domestic Substances List (DSL)	y (positive listing) (All components of this product are on the Canadian DSL.)

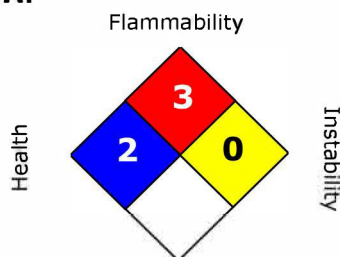
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Australia Inventory of Chemical Substances (AICS)	:	y (positive listing) (On the inventory, or in compliance with the inventory)
New Zealand. Inventory of Chemical Substances		y (positive listing) (On the inventory, or in compliance with the inventory)
Japan. ENCS - Existing and New Chemical Substances Inventory		y (positive listing) (On the inventory, or in compliance with the inventory)
Korea. Korean Existing Chemicals Inventory (KECI)		y (positive listing) (On the inventory, or in compliance with the inventory)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)		y (positive listing) (On the inventory, or in compliance with the inventory)
China. Inventory of Existing Chemical Substances in China (IECSC)	:	y (positive listing) (On the inventory, or in compliance with the inventory)

SECTION 16. OTHER INFORMATION

Version 2.0
Revision Date 06/19/2019

NFPA:



Special hazard.

HMIS III:

HEALTH	2*
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 =Extreme, * = Chronic

Our Company cannot anticipate under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the street was written based on the best knowledge and experience currently available.

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Legacy MSDS:

R0004340, 100000006769

Material number:

16084135, 16075696, 16063696, 16056826, 16056828, 16056827, 16056829, 16056825, 16041807, 16040131, 16036781, 16017302, 16005979, 16000348, 781040, 776944, 763953, 710729, 710728, 708716, 707260, 706448, 638918, 623621, 568063, 554061, 554060, 554200, 508616, 508582, 508489, 70145, 70881, 70227, 70442, 53546, 70136, 102351, 102986, 102907, 102359, 87256, 86304, 53755, 69589, 103201, 53758, 85972, 103204, 86307, 102898, 69592, 70082, 85965, 54057, 70432, 86513, 102348, 102683, 102433, 86815, 103194, 69917, 508229, 508294, 508230, 502710, 39908, 22253, 22252, 22034, 22033, 20530, 20529, 20528, 20526, 20525, 20523, 20522, 20524

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50			Lethal Concentration 50%