

Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME COMPLIANT SOLVENT

PRODUCT CODE ADV 117-5
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 2

Eye irritation Category 2A

Carcinogenicity Category 2

Reproductive toxicity Category 2

Specific target organ tox-

icity - single exposure

Category 1 (Eyes, Central nervous system)

Specific target organ tox-

icity - single exposure

Category 3 (Central nervous system)

GHS Label element

Hazard pictograms







Signal word Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child

H370 Causes damage to organs (Eyes, Central nervous system).

Precautionary statements

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face

P281 Use personal protective equipment as required.

Response:

protection.

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.

P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.

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

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 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.

ACGIH No component of this product present at levels greater

than or equal to 0.1% is identified as a carcinogen or

potential carcinogen by ACGIH.

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 antici-

pated carcinogen by NTP.

Emergency Overview

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

CAS-No.	Chemical Name	Concentration (%)
67-64-1	Acetone	90 - 100
67-56-1	Methanol	1 - 5

SECTION 4. FIRST AID MEASURES

General advice Move out of dangerous area.

Show this safety data sheet to the doctor in attend-

ance.

Do not leave the victim unattended.

If inhaled Consult a physician after significant exposure.

If unconscious place in recovery position and seek

medical advice.

In case of skin contact 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 give milk or alcoholic beverages.

Never give anything by mouth to an unconscious per-

son.

If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing

media

Alcohol-resistant foam Carbon dioxide (CO2)

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

Further information

methods

Use a water spray to cool fully closed containers.

netnods

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire residues and contaminated fire extinguishing wa-

ter must be disposed of in accordance with local regu-

lations.

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 IB

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

inform respective authorities.

Methods and materials for containment and

cleaning up

Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regula-

tions (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 discharg-

Provide sufficient air exchange and/or exhaust in work

Container may be opened only under exhaust ventilation hood.

Open drum carefully as content may be under pres-

sure.

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 re-

sealed and kept upright to prevent leakage.

Observe label precautions.

Electrical installations / working materials must com-

ply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type	Control parame-	Basis
		(Form of	ters / Permissi-	
		exposure)	ble concentra-	
			tion	
67-64-1	Acetone	TWA	500 ppm	ACGIH
		STEL	750 ppm	ACGIH
		TWA	250 ppm	NIOSH REL
			590 mg/m3	
		TWA	1,000 ppm	OSHA Z-1
			2,400 mg/m3	
		TWA	750 ppm	OSHA PO
			1,800 mg/m3	
		STEL	1,000 ppm	OSHA PO
			2,400 mg/m3	
67-56-1	Methanol	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm	NIOSH REL
			260 mg/m3	
		ST	250 ppm	NIOSH REL
			325 mg/m3	
		TWA	200 ppm	OSHA Z-1
			260 mg/m3	
		STEL	250 ppm	OSHA PO
			325 mg/m3	
		TWA	200 ppm	OSHA PO
			260 mg/m3	

Biological occupational exposure limits

Components	CAS-No.	Control parame - ters	Biological specimen	Sam- pling time	Permissi- ble con- centration	Basis
Acetone	67-64-1	Acetone	Urine	End of shift (As soon as possible after expo- sure ceases)	50 mg/l	ACGI H BEI
Methanol	67-56-1	Methanol	Urine	End of shift (As soon as possible after expo- sure ceases)	15 mg/l	ACGI H 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 dis-

cussed 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 pro-

cessing 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

Odour hydrocarbon-like

Odour Threshold No data available

pH No data available

Freezing Point No data available

Boiling Point (Boiling 56 - 64 °C (133 - 147 °F)

point/boiling range) (1,013.232 hPa)

Flash point < -18 °C (-0.40 °F)

Evaporation rate 1

Ethyl Ether

Flammability (solid, gas) No data available

Burning rate No data available

Upper explosion limit 36 %(V)

GLP: Calculated Explosive Limit

Lower explosion limit 2.6 %(V)

GLP: Calculated Explosive Limit

Vapour pressure 231 mmHg @ 25 °C (77 °F)

Calculated Vapor Pressure

Relative vapour density > 1(Air = 1.0)

Relative density 0.791 @ 20 °C (68 °F)

Density 0.791 g/cm3 @ 20 °C (68 °F)

Bulk density No data available

Water solubility No data available

Solubility in other sol-

vents

No data available

Partition coefficient: n-

octanol/water

No data available

Auto-ignition temperature No data available

Thermal decomposition No data available

Regulatory VOC (lbs/gal) 0.13

Regulatory VOC (g/l) 15.82

Actual VOC (lbs/gal) 6.59

Actual VOC (g/l) 791.00

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

Product will not undergo hazardous polymerization.

Vapours may form explosive mixture with air.

Conditions to avoid Keep away from heat, flame, sparks and other ignition

sources.

Extremes of temperature and direct sunlight.

Incompatible materials Acids

alkalis aluminum Amines Ammonia halogens Lead Peroxides

Reducing agents

sodium

Strong bases

Strong oxidizing agents

Zinc

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Method: Calculation method

Exposure time: 4 h

Test atmosphere: vapour

Method: Calculation method

Method: Calculation method

Components:

67-64-1:

Acute oral toxicity LD50 (rat): 5,800 mg/kg

Acute inhalation toxicity LC50 (rat): 76.0 mg/l

Exposure time: 4 h

Acute dermal toxicity LD50 : > 7,426 mg/kg

67-56-1:

Acute oral toxicity LD50 (rat): 100 mg/kg

Assessment: The component/mixture is toxic after

single ingestion.

Acute inhalation toxicity LC50 (rat): 5 mg/l

Assessment: The component/mixture is toxic after

short term inhalation.

Acute dermal toxicity LD50 (rabbit): 300 mg/kg

Assessment: The component/mixture is toxic after

single contact with skin.

Skin corrosion/irritation

Product:

Remarks: May cause skin irritation in susceptible persons.

Components:

67-64-1:

Species: rabbit Exposure time: 24 h Method: In vivo

Result: Mild skin irritation

67-56-1:

Species: rabbit

Result: No skin irritation

Serious eye damage/eye irritation

Product:

Remarks: Irritating to eyes.

Components:

67-64-1:

Species: rabbit

Result: Irritating to eyes. Exposure time: 24 h

67-56-1:

Species: rabbit

Result: No eye irritation

Respiratory or skin sensitisation

Components:

67-64-1:

Test Type: Maximization test

Species: guinea pig

Result: Did not cause sensitisation on laboratory animals.

67-56-1:

Test Type: Maximisation Test (GPMT)

Species: guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components:

67-64-1:

Genotoxicity in vitro Test Type: Mammalian cell gene mutation assay

Test species: Mouse lymphoma cells

Metabolic activation: Without metabolic activation

Method: OECD Test Guideline 476

Result: negative

Test Type: Ames test

Metabolic activation: with and without metabolic acti-

vation

Method: OECD Test Guideline 471

Result: negative

Test Type: Chromosome aberration test in vitro Test species: Chinese hamster ovary (CHO)

Metabolic activation: with and without metabolic acti-

vation

Method: OECD Test Guideline 473

Result: negative

Genotoxicity in vivo Test Type: In vivo micronucleus test

Test species: mouse

Application Route: Oral Exposure time: 13 wk

Dose: 5,000, 10,000, 20,000 ppm

Result: negative

Germ cell mutagenicity-

Assessment

Tests on bacterial or mammalian cell cultures did not

show mutagenic effects.

67-56-1:

Genotoxicity in vitro Test Type: DNA damage and/or repair

Metabolic activation: with and without metabolic acti-

vation

Result: Ambiguous

Genotoxicity in vivo Test Type: In vivo micronucleus test

Test species: mouse (male and female)

Cell type: Bone marrow

Application Route: Intraperitoneal

Exposure time: Single

Dose: 0, 1920, 3200, 4480 mg/kg

Result: negative

Germ cell mutagenicity-

Assessment

Tests on bacterial or mammalian cell cultures did not

show mutagenic effects.

Carcinogenicity

Components:

67-64-1:

Species: mouse, (female) Application Route: Dermal

Exposure time: 365 d (90%) or 424 d (100%) Dose: 0.1ml 90(71mg) or 100% (79mg) Frequency of Treatment: 3 times per wk

NOAEL: 79

Result: did not display carcinogenic properties

Carcinogenicity - As- Ca

Carcinogenicity classification not possible from current

data.

67-56-1:

sessment

Carcinogenicity - As-

sessment

Suspected human carcinogens

Reproductive toxicity

Components:

67-64-1:

Effects on fertility

Species: rat, male Application Route: oral Dose: 0, 5000, 10000 mg/L

Frequency of Treatment: 7 days/week General Toxicity - Parent: LOAEL: 10,000

Fertility: 10,000

Effects on foetal devel-

opment

Species: rat

Application Route: Inhalation
Dose: 0, 440, 2200, 11000 ppm
Frequency of Treatment: 7 days/week

General Toxicity Maternal: NOAEC: 2,200 ppm

Teratogenicity: NOAEC: 11,000 ppm

Embryo-foetal toxicity.: NOAEC: 2,200 ppm Method: OECD Test Guideline 414

Result: No teratogenic potential.

GLP: No data available

Reproductive toxicity -

Assessment

No evidence of adverse effects on sexual function and fertility, and on development, based on animal exper-

iments.

67-56-1:

Effects on fertility

Test Type: Two-generation study Species: rat, male and female Application Route: Inhalation Dose: 0, 0.013, 0.13, 1.3 mg/L Duration of Single Treatment: 20 h

General Toxicity - Parent: NOAEC: 1.3 mg/l General Toxicity F1: NOAEC: 0.13 mg/l

Fertility: NOAEC: 1.3 mg/l

Symptoms: Effects on postnatal development. Result: Animal testing did not show any effects on

fertility.

Effects on foetal devel-

opment

Species: rat

Application Route: inhalation (vapour) Dose: 0, 6.65, 13.3, 26.6 mg/L Duration of Single Treatment: 20 d Frequency of Treatment: 7 hr/day

General Toxicity Maternal: NOAEC: 13.3 mg/L

Teratogenicity: NOAEC: 6.65 mg/L

Result: Teratogenic effects.

Reproductive toxicity -

Assessment

Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal

experiments.

STOT - single exposure

Product:No data available

Components:

67-64-1:

Exposure routes:	Target Organs:	Assessment:	Remarks:
Inhalation	Central nervous system	May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.	

67-56-1:

Exposure routes:	Target Organs:	Assessment:	Remarks:
	Eyes, Central nerv-	Causes damage to	
	ous system	organs., The sub-	
		stance or mixture is	
		classified as specific	
		target organ toxi-	
		cant, single expo-	
		sure, category 1.	

STOT - repeated exposure

Product:No data available

Components:

67-64-1:No data available

67-56-1:No data available

Repeated dose toxicity

Components:

67-64-1:

Species: mouse, male

NOAEL: 20000

Application Route: Oral Exposure time: 13 wk Number of exposures: daily

Dose: 1250, 2500, 5000, 10000, 20000 Method: OECD Test Guideline 408

GLP: No data available

Species: mouse, female

NOAEL: 20000

LOAEL: 50000

Application Route: Oral Exposure time: 13 wk Number of exposures: daily

Dose: 2500, 5000, 10000, 20000, 5000 Method: OECD Test Guideline 408

GLP: No data available

Repeated dose toxicity -

Causes mild skin irritation., Causes serious eye irrita-

Assessment tion

67-56-1:

Species: mouse, male and female

NOAEL: 1.3 mg/l

Application Route: Inhalation Exposure time: 12 mths

Number of exposures: Continuous Dose: 0, 0.013, 0.13, 1.3 mg/L

Aspiration toxicity

Product:

No aspiration toxicity classification

Further information

Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

67-64-1:

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 6,100

mg/l

Exposure time: 48 h

Toxicity to daphnia and

and EC50 (Daphnia magna (Water flea)): 7,630 mg/l te- Exposure time: 48 h

other aquatic invertebrates

Test substance: Acetone

Toxicity to algae

Remarks: No data available

67-56-1:

Toxicity to fish LC50 (Lepomis macrochirus (Bluegill sunfish)): 15,400

mg/l

Exposure time: 96 h

Test Type: flow-through test

Toxicity to daphnia and

other aquatic inverte-

brates

EC50 (Daphnia magna (Water flea)): > 10,000 mg/l

Exposure time: 48 h Test Type: static test

Toxicity to algae EC50 (Scenedesmus capricornutum (fresh water al-

gae)): 22,000 mg/l End point: Growth rate Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 201

Toxicity to bacteria IC50 (activated sludge): > 1,000 mg/l

End point: Growth rate Exposure time: 3 h
Test Type: Static

Method: OECD Test Guideline 209

Persistence and degradability

Components:

67-64-1:

Biodegradability Remarks: Readily biodegradable

67-56-1:

Biodegradability aerobic

Result: Readily biodegradable.

Biodegradation: 72 %

Remarks: Readily biodegradable

Biochemical Oxygen De-

mand (BOD)

600 - 1,120 mg/g

Chemical Oxygen De-

mand (COD)

1,420 mg/g

BOD/COD BOD: 600 - 1120COD: 1420

Stability in water Hydrolysis: 91 % at19 °C(72 h)

Remarks: Hydrolyses on contact with water.

Hydrolyses readily.

Bioaccumulative potential

Components:

67-64-1:

Partition coefficient: n-

octanol/water

log Pow: -0.24

67-56-1:

Bioaccumulation

Species: Cyprinus carpio (Carp) Bioconcentration factor (BCF): 1.0

Exposure time: 72 d Temperature: 20 °C Concentration: 5 mg/l

Remarks: This substance is not considered to be very

persistent nor very bioaccumulating (vPvB).

Partition coefficient: n-

octanol/water

log Pow: -0.77

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection

of Stratospheric Ozone - CAA Section 602 Class I Sub-

stances

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 in-

formation

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues Dispose of in accordance with all applicable local,

state and federal regulations.

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): UN1090, Acetone Solution, 3, II, Flash Point:-18 °C(-0.40 °F)

IMDG (International Maritime Dangerous Goods): UN1090, ACETONE SOLUTION, 3, II

DOT (Department of Transportation): UN1090, ACETONE SOLUTION, 3, II

SECTION 15. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Toxic by ingestion, Toxic by skin

absorption, Mild skin irritant, Moderate eye irritant,

Carcinogen, Teratogen, Reproductive hazard

WHMIS Classification B2: Flammable liquid

D1B: Toxic Material Causing Immediate and Serious

Toxic Effects

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)
Acetone	67-64-1	5000	*

^{*:} Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 Fire Hazard

Hazards Acute Health Hazard

Chronic Health Hazard

SARA 302 SARA 302: No chemicals in this material are subject

to the reporting requirements of SARA Title III,

Section 302.

SARA 313 The following components are subject to reporting

levels established by SARA Title III, Section 313:

67-56-1 Methanol 2.0059 %

Clean Air Act

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

67-56-1 Methanol 2.0059 % 71-43-2 Benzene 0.0049 %

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 SOCMI

Intermediate or Final VOC's (40 CFR 60.489):
67-64-1 Acetone 98 %

67-56-1 Methanol 2.0059 % 71-43-2 Benzene 0.0049 %

Clean Water Act

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

71-43-2 Benzene 0.0049 %

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

71-43-2 Benzene 0.0049 %

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

67-64-1	Acetone	90 - 100 %
67-56-1	Methanol	1 - 5 %
71-43-2	Renzene	0 - 0 1 %

Pennsylvania Right To Know

67-64-1	Acetone	90 - 100 %
67-56-1	Methanol	1 - 5 %

New Jersey Right To Know

67-64-1	Acetone	90 - 100 %
67-56-1	Methanol	1 - 5 %

California Prop 65 WARNING! This product contains a chemical known to

the State of California to cause cancer.

71-43-2 Benzene

WARNING: This product contains a chemical known to the State of California to cause birth defects or other

reproductive harm.

67-56-1 Methanol 71-43-2 Benzene

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

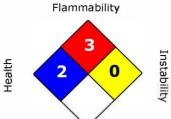
The components of this product are reported in the fol	
Switzerland. New notified substances and declared preparations	y (positive listing) (The formulation contains substances listed on the Swiss Inventory)
United States TSCA Inventory	y (positive listing) (On TSCA Invento- ry)
Canadian Domestic Substances List (DSL)	y (positive listing) (All components of this product are on the Canadian DSL.)
Australia Inventory of Chemical Substances (AICS)	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)
Japan. ISHL - Inventory of Chemical Substances (METI)	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 2.1

Revision Date 06/20/2019

NFPA:



Special hazard.

HMIS III:

HEALTH	2*
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,2 = Moderate, 3 = High

4 =Extreme, * = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Legecy MSDS: R0404891

Material number:

111072,

Key or le	gend to abbreviations and ac	ronyms use	ed in the safety datasheet
ACGIH	American Conference of Gov-	LD50	Lethal Dose 50%
	ernment Industrial Hygienists		
AICS	Australia, Inventory of Chem-	LOAEL	Lowest Observed Adverse Effect
	ical Substances		Level
DSL	Canada, Domestic Substanc-	NFPA	National Fire Protection Agency
	es List		
NDSL	Canada, Non-Domestic Sub-	NIOSH	National Institute for Occupational
	stances List		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	OSHA	Occupational Safety & Health Admin-
	Scenario Tool		istration
EOSCA	European Oilfield Specialty	PEL	Permissible Exposure Limit
	Chemicals Association		
EINECS	European Inventory of Exist-	PICCS	Philipines Inventory of Commercial
	ing Chemical Substances		Chemical Substances
MAK	Germany Maximum Concen-	PRNT	Presumed Not Toxic
	tration Values		
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 Reau-
			thorization Act.
IARC	International Agency for Re-	TLV	Threshold Limit Value
	search on Cancer		
IECSC	Inventory of Existing Chemi-	TWA	Time Weighted Average
	cal Substances in China		
ENCS	Japan, Inventory of Existing	TSCA	Toxic Substance Control Act
	and New Chemical Substanc-		
	es		
KECI	Korea, Existing Chemical In-	UVCB	Unknown or Variable Compositon,
	ventory		Complex Reaction Products, and
			Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials In-
			formation System
LC50	Lethal Concentration 50%		