# SAFETY DATA SHEET

#### 1. Identification

**Product identifier QUINDO RED** 

Other means of identification

**Product Code** MT-79-QT Recommended use Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name **Quest Automotive Products** 

**Address** 600 Nova Drive SE

Massillon, OH 44646

**United States** 

**Telephone** General Assistance (330) 830-6000

E-mail rpandrus@quest-ap.com

**Contact person** Ron Andrus

**Emergency phone number** CHEMTREC (800) 424-9300

# 2. Hazard(s) identification

Physical hazards Flammable liquids Category 2 **Health hazards** Acute toxicity, dermal Category 4 Acute toxicity, inhalation Category 3 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A

Sensitization, skin Category 1

Specific target organ toxicity, single exposure Category 3 narcotic effects Category 2

**Environmental hazards** Hazardous to the aquatic environment, acute

hazard

Hazardous to the aquatic environment,

long-term hazard

Not classified. **OSHA** defined hazards

Label elements



Signal word Danger

**Hazard statement** Highly flammable liquid and vapor. Harmful in contact with skin. Causes skin irritation. May cause

an allergic skin reaction. Causes serious eye irritation. Toxic if inhaled. May cause drowsiness or

Category 3

dizziness. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Precautionary statement** 

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly

closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary

measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective

clothing. Wear protective gloves/eye protection/face protection.

Material name: QUINDO RED SDS US Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place.

Keep cool. Store locked up.

**Disposal** 

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

Supplemental information

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

96.9% of the mixture consists of component(s) of unknown acute dermal toxicity. 88.54% of the mixture consists of component(s) of unknown acute inhalation toxicity. 90.04% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 89.88% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

# 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Methyl acetate		79-20-9	20 to <30
n-butyl acetate		123-86-4	5 to <10
1-Methoxy-2-propyl acetate		108-65-6	1 to <5
2-Butoxyethyl acetate		112-07-2	1 to <5
barium sulfate		7727-43-7	1 to <5
liquid HALS		41556-26-7	0.1 to <1
Other components below reportable leve	els		60 to <70

<sup>\*</sup>Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. Get medical advice/attention if you feel unwell.

**Most important** symptoms/effects, acute and delayed

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General information** 

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

#### 5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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# Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods
General fire hazards

Use standard firefighting procedures and consider the hazards of other involved materials.

Highly flammable liquid and vapor.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions** 

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. Use appropriate containment to avoid environmental contamination.

# 7. Handling and storage

### Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. Use care in handling/storage.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

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# Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

# Occupational exposure limits

<b>US. OSHA Table Z-1 Limits for Air Contaminants</b>	(29 CFR 1910.1000)

Components	Туре	Value	Form
parium sulfate (CAS 7727-43-7)	PEL	5 mg/m3	Respirable fraction.
,		15 mg/m3	Total dust.
Methyl acetate (CAS	PEL	610 mg/m3	
79-20-9)		200 ppm	
n-butyl acetate (CAS	PEL	710 mg/m3	
123-86-4)	I LL	7 10 mg/m3	
,		150 ppm	
JS. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
2-Butoxyethyl acetate (CAS 112-07-2)	TWA	20 ppm	
barium sulfate (CAS 7727-43-7)	TWA	5 mg/m3	Inhalable fraction.
Methyl acetate (CAS 79-20-9)	STEL	250 ppm	
,	TWA	200 ppm	
n-butyl acetate (CAS 123-86-4)	STEL	200 ppm	
,	TWA	150 ppm	
US. NIOSH: Pocket Guide to Chem	ical Hazards		
Components	Туре	Value	Form
2-Butoxyethyl acetate (CAS 112-07-2)	TWA	33 mg/m3	
,		5 ppm	
parium sulfate (CAS 7727-43-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Methyl acetate (CAS	STEL	760 mg/m3	
79-20-9)		250 ppm	
	TWA	610 mg/m3	
		200 ppm	
n-butyl acetate (CAS 123-86-4)	STEL	950 mg/m3	
,		200 ppm	
	TWA	710 mg/m3	
		150 ppm	
US. Workplace Environmental Exp	osure Level (WEEL) Guides		
Components	Туре	Value	
1-Methoxy-2-propyl acetate	TWA	50 ppm	

**Biological limit values** 

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** 

US - California OELs: Skin designation

1-Methoxy-2-propyl acetate (CAS 108-65-6)

Can be absorbed through the skin.

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# Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. 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. Eye wash facilities and emergency shower must be available when handling this product.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Skin protection

**Hand protection** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove

supplier.

Other Wear appropriate chemical resistant clothing.

limits (where applicable) or to an acceptable level (in countries where exposure limits have not

been established), an approved respirator must be worn.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

# 9. Physical and chemical properties

**Appearance** 

Physical state Liquid.
Form Liquid.
Color Not available.
Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point
Initial boiling point and boiling

-144.4 °F (-98 °C) estimated 134.24 °F (56.8 °C) estimated

range

Flash point 14.0 °F (-10.0 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

1.4 % estimated

(%)

Flammability limit - upper

16 % estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 88.64 hPa estimated

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 797 °F (425 °C) estimated

**Decomposition temperature** Not available. **Viscosity** Not available.

Other information

**Density** 9.42 lbs/gal

Flammability class Flammable IB estimated

Percent volatile 75.28 % Specific gravity 1.13

**VOC** 1.4797747717111556 lbs/gal Material

3.4453365796054767 lbs/gal Regulatory 177.32141089414776 g/l Material 412.85468233412428 g/l Regulatory

# 10. Stability and reactivity

**Reactivity**The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Nitrates.

Hazardous decomposition

products

No hazardous decomposition products are known.

# 11. Toxicological information

#### Information on likely routes of exposure

Inhalation Toxic if inhaled. May cause drowsiness and dizziness. Headache. Nausea, vomiting.Skin contact Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.

**Eye contact** Causes serious eye irritation.

**Ingestion** Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May

cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

#### Information on toxicological effects

Acute toxicity

Toxic if inhaled. Harmful in contact with skin. Narcotic effects. May cause an allergic skin reaction.

Components	Species	Test Results
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2-Butoxyethyl acetate (CAS 112-07-2)

Acute Dermal

LD50 Rabbit 1500 mg/kg

Oral

LD50 Rat 2400 mg/kg

Methyl acetate (CAS 79-20-9)

<u>Acute</u>

Oral

LD50 Rabbit 3.7 g/kg

n-butyl acetate (CAS 123-86-4)

Acute

Inhalation

LC50 Wistar rat 160 mg/l, 4 Hours

Oral

LD50 Rat 14000 mg/kg

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

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<sup>\*</sup> Estimates for product may be based on additional component data not shown.

**Skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity**No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

**Reproductive toxicity**This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

# 12. Ecological information

Ecotoxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
barium sulfate (CAS 7	727-43-7)		
Aquatic			
Crustacea	EC50	Tubificid worm (Tubifex tubifex)	28.61 - 38.03 mg/l, 48 hours
Methyl acetate (CAS	79-20-9)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	295 - 348 mg/l, 96 hours
n-butyl acetate (CAS	123-86-4)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	17 - 19 ma/l. 96 hours

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Methyl acetate 0.18 n-butyl acetate 1.78

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

#### 13. Disposal considerations

**Disposal instructions**Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

# 14. Transport information

DOT

UN number UN1263

UN proper shipping name Paint, Paint Related Material

Material name: QUINDO RED
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SDS US

Transport hazard class(es)

Class 3 Subsidiary risk 3 Label(s) Packing group Ш

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

**Special provisions** IB2, T7, TP1, TP8, TP28

Packaging exceptions 150 202 Packaging non bulk 242 Packaging bulk

**IATA** 

**UN** number UN1263

**UN proper shipping name** Paint, Paint Related Material

Transport hazard class(es)

3 Class Subsidiary risk Packing group Ш **Environmental hazards** No. **ERG Code** 3H

Other information

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Allowed.

Not established.

Cargo aircraft only Allowed.

**IMDG** 

UN1263 **UN** number

**UN** proper shipping name

Transport hazard class(es)

Paint, Paint Related Material

3 Class Subsidiary risk П Packing group

**Environmental hazards** 

Marine pollutant No. **EmS** F-E, S-E

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

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

the IBC Code

DOT



IATA; IMDG



Material name: QUINDO RED SDS US

# 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)** 

2-Butoxyethyl acetate (CAS 112-07-2) Listed. barium sulfate (CAS 7727-43-7) Listed. Methyl acetate (CAS 79-20-9) Listed. n-butyl acetate (CAS 123-86-4) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes

Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Chemical name CAS number % by wt. 2-Butoxyethyl acetate 112-07-2 1 to <5

#### Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

2-Butoxyethyl acetate (CAS 112-07-2)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

**US** state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

(a))

2-Butoxyethyl acetate (CAS 112-07-2) liquid HALS (CAS 41556-26-7)

**US. Massachusetts RTK - Substance List** 

barium sulfate (CAS 7727-43-7) Methyl acetate (CAS 79-20-9) n-butyl acetate (CAS 123-86-4)

US. New Jersey Worker and Community Right-to-Know Act

2-Butoxyethyl acetate (CAS 112-07-2) barium sulfate (CAS 7727-43-7) Methyl acetate (CAS 79-20-9) n-butyl acetate (CAS 123-86-4)

US. Pennsylvania Worker and Community Right-to-Know Law

2-Butoxyethyl acetate (CAS 112-07-2) barium sulfate (CAS 7727-43-7) Methyl acetate (CAS 79-20-9) n-butyl acetate (CAS 123-86-4)

**US. Rhode Island RTK** 

2-Butoxyethyl acetate (CAS 112-07-2) n-butyl acetate (CAS 123-86-4)

Material name: QUINDO RED

#### **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Ethyl benzene (CAS 100-41-4) Listed: June 11, 2004 NICKEL (CAS 7440-02-0) Listed: October 1, 1989

# US - California Proposition 65 - CRT: Listed date/Developmental toxin

Butyl benzyl phthalate (CAS 85-68-7) Listed: December 2, 2005

#### **International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No
	Australia Canada Canada China Europe Europe Japan Korea New Zealand Philippines	Australia Australian Inventory of Chemical Substances (AICS) Canada Domestic Substances List (DSL) Canada Non-Domestic Substances List (NDSL) China Inventory of Existing Chemical Substances in China (IECSC) Europe European Inventory of Existing Commercial Chemical Substances (EINECS) Europe European List of Notified Chemical Substances (ELINCS) Japan Inventory of Existing and New Chemical Substances (ENCS) Korea Existing Chemicals List (ECL) New Zealand New Zealand Inventory Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS)

<sup>\*</sup>A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

Issue date 05-19-2015

Version #

**HMIS®** ratings Health: 3

Flammability: 3 Physical hazard: 0 Personal protection: H

Health: 3 NFPA ratings

Flammability: 3 Instability: 0

Disclaimer The information in the sheet was written based on the best knowledge and experience currently

available. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. 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. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses.

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