# SAFETY DATA SHEET

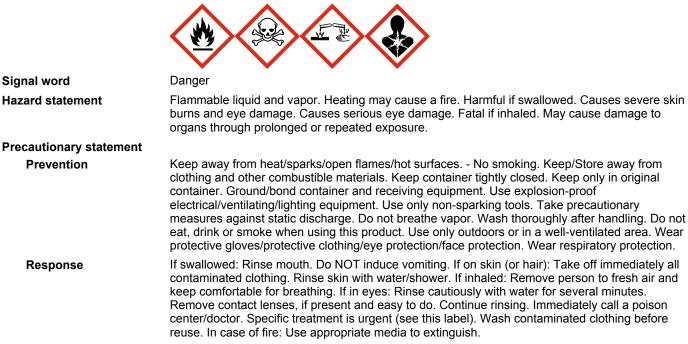


## 1. Identification

Product identifier	All Metal Reactor 2 oz/6		
Other means of identification			
Product Code	30040		
Recommended use	Liquid Hardener, Polymer Reaction Catalyst		
Manufacturer/Importer/Supplier/	Distributor information		
Manufacturer			
Company name Address	Quest Automotive Products 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			
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#### Flammable liquids Category 3 Physical hazards Organic peroxides Type D **Health hazards** Acute toxicity, oral Category 4 Acute toxicity, inhalation Category 2 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1 Specific target organ toxicity, repeated Category 2 exposure **Environmental hazards** Not classified. **OSHA** defined hazards Not classified.

#### Label elements



Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Protect from sunlight. Store at temperatures not exceeding 25°C / 77°F. Keep cool. Store away from other materials.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	63% of the mixture consists of component(s) of unknown acute oral toxicity. 64.5% of the mixture consists of component(s) of unknown acute inhalation toxicity.

## 3. Composition/information on ingredients

## **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
2-Butanone peroxide		1338-23-4	30 to <40
2-butanone		78-93-3	1 to <5
Hydrogen peroxide		7722-84-1	1 to <5
Other components below reportable I	evels		60 to <70

\*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 physician or poison control center immediately.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. 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. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Abdominal pain. Burning pain and severe corrosive skin damage. Diarrhea. Nausea, vomiting. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Coughing. Prolonged exposure may cause chronic effects.
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. Chemical 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. If you feel unwell, seek medical advice (show the label where possible). 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. Dry chemical powder. Dry sand. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
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. 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. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Flammable liquid and vapor. Heating may cause a fire.

## 6. Accidental release measures

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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. Do not breathe vapors or spray mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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. Use water spray to reduce vapors or divert vapor cloud drift. 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. 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.
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
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. Keep away from clothing and other combustible materials. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. 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. Observe good industrial hygiene practices.
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. Store in a cool, dry place out of direct sunlight. Keep only in the original container. Store in a well-ventilated place. Store away from other materials. Keep in an area equipped with sprinklers.

## 8. Exposure controls/personal protection

#### **Occupational exposure limits** US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components Туре Value 2-butanone (CAS 78-93-3) PEL 590 mg/m3 200 ppm Hydrogen peroxide (CAS PEL 1.4 mg/m3 7722-84-1) 1 ppm **US. ACGIH Threshold Limit Values** Components Value Туре 2-butanone (CAS 78-93-3) STEL 300 ppm TWA 200 ppm 2-Butanone peroxide (CAS 0.2 ppm Ceiling 1338-23-4) Hydrogen peroxide (CAS TWA 1 ppm 7722-84-1) **US. NIOSH: Pocket Guide to Chemical Hazards** Components Туре Value 2-butanone (CAS 78-93-3) STEL 885 mg/m3 300 ppm TWA 590 mg/m3 200 ppm Material name: All Metal Reactor 2 oz/6 SDS US

Components	Туре		Value	
2-Butanone peroxide (CAS 1338-23-4)		Ceiling	1.5	5 mg/m3
			0.2	2 ppm
Hydrogen peroxide (CAS 7722-84-1)		TWA	1.4	4 mg/m3
			1 μ	opm
ological limit values				
ACGIH Biological Exposu	re Indices			
Components	Value	Determinant	Specimen	Sampling Time
2-butanone (CAS 78-93-3)	2 mg/l	MEK	Urine	*
* - For sampling details, plea	ase see the sour	ce document.		
opropriate engineering ontrols	changes per applicable, u	hour) should be used. Ve se process enclosures, lo	entilation rates sh ocal exhaust vent	Good general ventilation (typically 10 ai ould be matched to conditions. If ilation, or other engineering controls to plimite the avecure limits have not been
	changes per applicable, u maintain airb established, i	hour) should be used. Ve se process enclosures, lo orne levels below recom	entilation rates sh ocal exhaust vent mended exposur to an acceptable	ould be matched to conditions. If
	changes per applicable, u maintain airb established, shower must	hour) should be used. Ve se process enclosures, lo orne levels below recommaintain airborne levels to be available when hand	entilation rates sh ocal exhaust vent mended exposur to an acceptable ing this product.	ould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not beer
ntrols	changes per applicable, u maintain airb established, shower must s, such as perso	hour) should be used. Ve se process enclosures, lo orne levels below recom maintain airborne levels t be available when hand	entilation rates sh boal exhaust vent mended exposur to an acceptable ing this product. ent	ould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not beer level. Eye wash facilities and emergenc
dividual protection measure Eye/face protection	changes per applicable, u maintain airb established, shower must s, such as perso	hour) should be used. Ve se process enclosures, lo orne levels below recom maintain airborne levels t be available when handl onal protective equipme	entilation rates sh boal exhaust vent mended exposur to an acceptable ing this product. ent	ould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not beer level. Eye wash facilities and emergenc
dividual protection measure	changes per applicable, u maintain airb established, shower must <b>s, such as perso</b> Wear safety	hour) should be used. Ve se process enclosures, lo orne levels below recom maintain airborne levels t be available when handl onal protective equipme glasses with side shields	entilation rates sh boal exhaust vent mended exposur to an acceptable ing this product. ent (or goggles) and	ould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not beer level. Eye wash facilities and emergenc
dividual protection measure Eye/face protection Skin protection	changes per applicable, us maintain airb established, i shower must <b>s, such as perso</b> Wear safety Wear approp supplier.	hour) should be used. Ve se process enclosures, lo orne levels below recom maintain airborne levels t be available when handl onal protective equipme glasses with side shields	entilation rates sh bcal exhaust vent mended exposure to an acceptable ing this product. ent (or goggles) and gloves. Suitable g	ould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not beer level. Eye wash facilities and emergenc a face shield.
dividual protection measure Eye/face protection Skin protection Hand protection	changes per applicable, u maintain airb established, shower must <b>s, such as perso</b> Wear safety Wear approp supplier. Wear approp	hour) should be used. Ve se process enclosures, lo orne levels below recom maintain airborne levels t be available when handl onal protective equipme glasses with side shields priate chemical resistant g	entilation rates sh boal exhaust vent mended exposur- to an acceptable ing this product. ent (or goggles) and gloves. Suitable g clothing.	ould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not beer level. Eye wash facilities and emergenc a face shield. loves can be recommended by the glov
dividual protection measure Eye/face protection Skin protection Hand protection Other	changes per applicable, u maintain airb established, i shower must s, such as perso Wear safety Wear approp supplier. Wear approp Wear positive	hour) should be used. Ve se process enclosures, lo orne levels below recom maintain airborne levels t be available when handl onal protective equipme glasses with side shields priate chemical resistant o	entilation rates sh bcal exhaust vent mended exposur- to an acceptable ing this product. ent (or goggles) and gloves. Suitable g clothing.	atus (SCBA).

## 9. Physical and chemical properties

-	-
Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	66.2 °F (19 °C) estimated
Flash point	140.0 °F (60.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.04 hPa estimated
Vapor density	Not available.

Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	140 °F (60 °C)
Viscosity	Not available.
Other information	
Density	8.32 lbs/gal
Flammability class	Combustible IIIA estimated
Percent volatile	2.5 % estimated
Specific gravity	1
VOC	1.5 % estimated
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	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Sunlight. Avoid temperatures exceeding the decomposition temperature. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Combustible material.

products			

## 11. Toxicological information

Hazardous decomposition

## Information on likely routes of exposure

Inhalation	Fatal if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns. Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Abdominal pain. Burning pain and severe corrosive skin damage. Diarrhea. Nausea, vomiting. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Coughing.

No hazardous decomposition products are known.

## Information on toxicological effects

Acute toxicity	Fatal if inhaled. Harmful if swallowed.		
Components	Species	Test Results	
2-butanone (CAS 78-93-3)			
Acute			
Dermal			
LD50	Rabbit	> 8000 mg/kg	
Inhalation			
LC50	Mouse	11000 ppm, 45 Minutes	
	Rat	11700 ppm, 4 Hours	
Oral			
LD50	Mouse	670 mg/kg	
	Rat	2300 - 3500 mg/kg	

Components	Species	Test Results	
2-Butanone peroxide (CAS 1338-	23-4)		
<u>Acute</u>			
Inhalation			
LC50	Mouse	170 mg/l, 4 Hours	
	Rat	200 mg/l, 4 Hours	
Oral			
LD50	Rat	6.86 ml/kg	
* Estimates for product may b	be based on additional compone	nt data not shown.	
Skin corrosion/irritation	Causes severe skin burns an	d eye damage.	
Serious eye damage/eye irritation	Causes serious eye damage.		
Respiratory or skin sensitizatio	n		
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	This product is not expected to cause skin sensitization.		
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 considere	to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
IARC Monographs. Overall	Evaluation of Carcinogenicity		
Hydrogen peroxide (CAS		3 Not classifiable as to carcinogenicity to humans.	
OSHA Specifically Regulate Not listed.	ed Substances (29 CFR 1910.1	001-1050)	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.		
Specific target organ toxicity - single exposure	Not classified.		
Specific target organ toxicity - repeated exposure	May cause damage to organs	through prolonged or repeated exposure.	
Aspiration hazard	Not an aspiration hazard.		
Chronic effects	May cause damage to organs be harmful.	through prolonged or repeated exposure. Prolonged inhalation may	
	_		

## 12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
2-butanone (CAS 78-93-3)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	4025 - 6440 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours

\* 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-oc	ctanol / water (log Kow)	
2-butanone	0.29	
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. 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

DOT	
UN number	UN3105
UN proper shipping name	Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide <45%)
Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
Packing group	Not applicable.
	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	152
ΙΑΤΑ	
UN number	UN3105
UN proper shipping name	Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide <45%)
Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed.
aircraft	
Cargo aircraft only	Allowed.
IMDG	
UN number	UN3105
UN proper shipping name	Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide <45%)
Transport hazard class(es)	
Class	5.2
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	F-J, S-R
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not established.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT; IATA	
▲	





## 15. Regulatory information

15. Regulatory informa	ation				
US federal regulations	Standard, 2	9 CFR 1910.12		d by the OSHA Hazard ( ory List.	Communication
TSCA Section 12(b) Exp	oort Notification (	40 CFR 707, Sι	ıbpt. D)		
Not regulated.					
CERCLA Hazardous Su	bstance List (40 (	CFR 302.4)			
2-butanone (CAS 78			Listed.		
2-Butanone peroxide			Listed.		
SARA 304 Emergency r		n			
Hydrogen peroxide ( OSHA Specifically Regu	,	s (29 CFR 1910	1000 LBS 0. <b>1001-1050)</b>		
Not listed.					
Superfund Amendments an	d Reauthorization	n Act of 1986 (S	SARA)		
Hazard categories	Delayed Ha Fire Hazard Pressure Ha	- Yes			
SARA 302 Extremely ha	azardous substan	ice			
Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
Hydrogen peroxide	7722-84-1	1000	1000 lbs		••
SARA 311/312 Hazardou chemical	us No				
SARA 313 (TRI reporting Not regulated.	g)				
Other federal regulations					
Clean Air Act (CAA) Sec	ction 112 Hazardo	ous Air Polluta	nts (HAPs) List		
Not regulated.			(		
Clean Air Act (CAA) See	ction 112(r) Accid	ental Release	Prevention (40 CFR 68	8.130)	
Not regulated.				-	
Safe Drinking Water Ac (SDWA)	t Not regulate	ed.			
Drug Enforcement Chemical Code Nur		0EA). List 2, Es	sential Chemicals (21	CFR 1310.02(b) and 1	310.04(f)(2) and
2-butanone (CA	S 78-93-3)		6714		
Drug Enforcement	Administration (D	0EA). List 1 & 2	Exempt Chemical Mi	xtures (21 CFR 1310.1	2(c))
2-butanone (CA	'		35 %WV		
DEA Exempt Chem		le Number			
2-butanone (CA	S 78-93-3)		6714		
US state regulations					
US. California Controlle	d Substances. C	A Department of	of Justice (California I	Health and Safety Cod	e Section 11100)
Not listed.					

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

2-butanone (CAS 78-93-3)

US. Massachusetts RTK - Substance List

2-butanone (CAS 78-93-3) 2-Butanone peroxide (CAS 1338-23-4) Hydrogen peroxide (CAS 7722-84-1)

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

2-butanone (CAS 78-93-3) 2-Butanone peroxide (CAS 1338-23-4) Hydrogen peroxide (CAS 7722-84-1)

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

2-butanone (CAS 78-93-3) 2-Butanone peroxide (CAS 1338-23-4) Hydrogen peroxide (CAS 7722-84-1)

## US. Rhode Island RTK

2-butanone (CAS 78-93-3) 2-Butanone peroxide (CAS 1338-23-4) Hydrogen peroxide (CAS 7722-84-1)

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

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### International Inventories

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

\*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 Version # HMIS® ratings	04-17-2015 01 Health: 4*
NEDA ratingo	Flammability: 3 Physical hazard: 3 Health: 4
NFPA ratings	Flammability: 3 Instability: 3
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.