QUEST AUTOMOTIVE PRODUCTS

SAFETY DATA SHEET

1. Identification

Product identifier TRANSPARENT RED OXIDE

Other means of identification

Product Code MT-23-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 hazardsFlammable liquidsCategory 2Health hazardsAcute toxicity, dermalCategory 4Acute toxicity, inhalationCategory 3Skin corrosion/irritationCategory 2Serious eye damage/eye irritationCategory 2ACarcinogenicityCategory 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated

Reproductive toxicity (the unborn child)

exposure

Category 1

Category 2

Environmental hazards Hazardous to the aquatic environment, acute

hazard

Category 2

Category 3

Hazardous to the aquatic environment,

long-term hazard

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statementHighly flammable liquid and vapor. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Toxic if inhaled. May cause drowsiness or dizziness. Suspected of causing

serious eye irritation. Toxic if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Harmful to aquatic life with long lacting effects.

repeated exposure. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement
Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection

Material name: TRANSPARENT RED OXIDE MT-23-QT Version #: 01 Issue date: 05-18-2015

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 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)

Near Juneau

mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

None known.

Supplemental information85.17% of the mixture consists of component(s) of unknown acute dermal toxicity. 56.7% of the mixture consists of component(s) of unknown acute inhalation toxicity. 53.82% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 53.72% of the

3. Composition/information on ingredients

Mixtures

themical name Common name and synonyms		CAS number	%	
n-butyl acetate		123-86-4	30 to <40	
Xylene		1330-20-7	5 to <10	
1-Methoxy-2-propyl acetate		108-65-6	1 to <5	
2-butanone		78-93-3	1 to <5	
Ethyl benzene		100-41-4	1 to <5	
Toluene		108-88-3	1 to <5	
liquid HALS		41556-26-7	0.1 to <1	
Other components below reportable levels	3		50 to <60	

^{*}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 contactTake off immediately all contaminated clothing. Rinse skin with water/shower. Get medical

advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. 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

symptoms/effects, acute and delayed

Indication of immediate

medical attention and special treatment needed

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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. Prolonged exposure may cause chronic effects.

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. IF exposed or concerned: Get medical

advice/attention. 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.

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5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

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

Fire fighting equipment/instructions

Specific methods

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do

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

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

so without risk.

Highly flammable liquid and vapor. General fire hazards

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. Do not breathe mist or vapor. 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. 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.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

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.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. 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 mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. 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.

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. 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

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

Туре	Value	
PEL	590 mg/m3	
	200 ppm	
PEL	435 mg/m3	
	100 ppm	
PEL	710 mg/m3	
	150 ppm	
PEL	435 mg/m3	
	100 ppm	
	PEL PEL	PEL 590 mg/m3 200 ppm PEL 435 mg/m3 100 ppm PEL 710 mg/m3 150 ppm PEL 435 mg/m3

Material name: TRANSPARENT RED OXIDE MT-23-QT Version #: 01 Issue date: 05-18-2015

Components	Туре	Value	
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	
2-butanone (CAS 78-93-3)	STEL	300 ppm	
	TWA	200 ppm	
Ethyl benzene (CAS 100-41-4)	TWA	20 ppm	
n-butyl acetate (CAS 123-86-4)	STEL	200 ppm	
	TWA	150 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	
US. NIOSH: Pocket Guide to Chem	ical Hazards		
Components	Туре	Value	
2-butanone (CAS 78-93-3)	STEL	885 mg/m3	
		300 ppm	
	TWA	590 mg/m3	
		200 ppm	
Ethyl benzene (CAS 100-41-4)	STEL	545 mg/m3	
		125 ppm	
	TWA	435 mg/m3	
		100 ppm	
n-butyl acetate (CAS 123-86-4)	STEL	950 mg/m3	
		200 ppm	
	TWA	710 mg/m3	
		150 ppm	
Toluene (CAS 108-88-3)	STEL	560 mg/m3	
		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
US. Workplace Environmental Expe	osure Level (WEEL) Guides		
Components	Type	Value	
1-Methoxy-2-propyl acetate (CAS 108-65-6)	TWA	50 ppm	

Biological limit values

VCCIH	Biological	Evnosuro	Indicae

Components	Value	Determinant	Specimen	Sampling Time	
2-butanone (CAS 78-93-3)	2 mg/l	MEK	Urine	*	
Ethyl benzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*	
,	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*	
	0.03 mg/l	Toluene	Urine	*	
	0.02 mg/l	Toluene	Blood	*	
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*	

Exposure guidelines

US - California OELs: Skin designation

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

Can be absorbed through the skin.

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3) Skin designation applies.

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.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure

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.

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 Not available.

Initial boiling point and boiling Not available.

range

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

Not available.

(%)

Flammability limit - upper Not

Not available.

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressureNot available.Vapor densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature Not available.

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

Other information

8.62 lbs/gal Density Percent volatile 55.61 % 1.03 Specific gravity

VOC 4.3321752062346998 lbs/gal Material

4.3321752062346998 lbs/gal Regulatory 519.12455496310406 g/l Material 519.12455496310406 g/l Regulatory

10. Stability and reactivity

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

Material is stable under normal conditions. Chemical stability Possibility of hazardous Hazardous polymerization does not occur.

reactions

Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. Conditions to avoid

Incompatible materials Strong acids. Strong oxidizing agents. Nitrates. Halogens.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Toxic if inhaled. May cause damage to organs through prolonged or repeated exposure by Inhalation

inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Harmful in contact with skin. Causes skin irritation.

Eye contact Causes serious eye irritation.

Ingestion Expected to be a low ingestion hazard.

Rat

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

11700 ppm, 4 Hours

cause redness and pain.

Information on toxicological effects

Toxic if inhaled. Harmful in contact with skin. Narcotic effects. Acute toxicity

Components	Species	Test Results	
2-butanone (CAS 78-93-3)			
<u>Acute</u>			
Dermal			
LD50	Rabbit	> 8000 mg/kg	
Inhalation			
LC50	Mouse	11000 ppm, 45 Minutes	

Oral

LD50 Mouse 670 mg/kg

> Rat 2300 - 3500 mg/kg

Ethyl benzene (CAS 100-41-4)

Acute **Dermal**

LD50 Rabbit 17800 mg/kg

Oral

LD50 Rat 3500 mg/kg

Material name: TRANSPARENT RED OXIDE MT-23-QT Version #: 01 Issue date: 05-18-2015

Components **Species Test Results** n-butyl acetate (CAS 123-86-4) **Acute** Inhalation LC50 Wistar rat 160 mg/l, 4 Hours Oral Rat LD50 14000 mg/kg Toluene (CAS 108-88-3) Acute **Dermal** LD50 Rabbit 12124 mg/kg 14.1 ml/kg Inhalation LC50 Mouse 5320 ppm, 8 Hours 400 ppm, 24 Hours Rat 26700 ppm, 1 Hours 12200 ppm, 2 Hours 8000 ppm, 4 Hours Oral LD50 Rat 2.6 g/kg Xylene (CAS 1330-20-7) **Acute Dermal** LD50 Rabbit > 43 g/kg Inhalation LC50 Mouse 3907 mg/l, 6 Hours Rat 6350 mg/l, 4 Hours

* Estimates for product may be based on additional component data not shown.

Mouse

Rat

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

Oral LD50

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Causes serious eye irritation.

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

1590 mg/kg

3523 - 8600 mg/kg

mutagenic or genotoxic.

Suspected of causing cancer. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Ethyl benzene (CAS 100-41-4) 2B Possibly carcinogenic to humans. Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans. Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Components in this product have been shown to cause birth defects and reproductive disorders in Reproductive toxicity

laboratory animals. Suspected of damaging the unborn child.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Material name: TRANSPARENT RED OXIDE MT-23-QT Version #: 01 Issue date: 05-18-2015 Specific target organ toxicity - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

Not an aspiration hazard.

Not all deplication

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

EcotoxicityToxic to aquatic life. Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
2-butanone (CAS 78-9	3-3)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	4025 - 6440 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours
Ethyl benzene (CAS 10	00-41-4)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
n-butyl acetate (CAS 1	23-86-4)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	17 - 19 mg/l, 96 hours
Toluene (CAS 108-88-	3)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
Xylene (CAS 1330-20-	7)		
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability No

No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

2-butanone	0.29
Ethyl benzene	3.15
n-butyl acetate	1.78
Toluene	2.73
Xylene	3.12 - 3.2

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 instructionsCollect 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

UN1263 **UN** number

UN proper shipping name Paint, Paint Related Material

Transport hazard class(es)

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

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

IB2, T7, TP1, TP8, TP28 Special provisions

Packaging exceptions 150 Packaging non bulk 202 Packaging bulk 242

IATA

UN1263 **UN** number

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

Transport hazard class(es)

Class 3 Subsidiary risk П Packing group **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.

Cargo aircraft only Allowed.

IMDG

UN1263 **UN** number

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

Transport hazard class(es)

Class 3 Subsidiary risk Ш Packing group **Environmental hazards**

> Marine pollutant No.

EmS F-E, S-E

Transport in bulk according to

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Not established.

Annex II of MARPOL 73/78 and

the IBC Code

DOT





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-butanone (CAS 78-93-3)

Ethyl benzene (CAS 100-41-4)

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

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

Listed.

Listed.

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 - Yes 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.	
Xylene	1330-20-7	5 to <10	
Ethyl benzene	100-41-4	1 to <5	
Toluene	108-88-3	1 to <5	

Other federal regulations

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

Ethyl benzene (CAS 100-41-4) Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

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

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

2-butanone (CAS 78-93-3) 6714 Toluene (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

2-butanone (CAS 78-93-3) 35 %WV Toluene (CAS 108-88-3) 35 %WV

DEA Exempt Chemical Mixtures Code Number

2-butanone (CAS 78-93-3) 6714 Toluene (CAS 108-88-3) 594

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-butanone (CAS 78-93-3) Ethyl benzene (CAS 100-41-4) liquid HALS (CAS 41556-26-7) Toluene (CAS 108-88-3) Xvlene (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

2-butanone (CAS 78-93-3) Ethyl benzene (CAS 100-41-4) n-butyl acetate (CAS 123-86-4) Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

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

2-butanone (CAS 78-93-3) Ethyl benzene (CAS 100-41-4) n-butyl acetate (CAS 123-86-4) Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

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

2-butanone (CAS 78-93-3) Ethyl benzene (CAS 100-41-4) n-butyl acetate (CAS 123-86-4) Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

US. Rhode Island RTK

2-butanone (CAS 78-93-3) Ethyl benzene (CAS 100-41-4) n-butyl acetate (CAS 123-86-4) Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

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

benzene (CAS 71-43-2)

Cumene (CAS 98-82-8)

Ethyl benzene (CAS 100-41-4)

Listed: February 27, 1987

Listed: April 6, 2010

Listed: June 11, 2004

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

benzene (CAS 71-43-2)
Toluene (CAS 108-88-3)

Listed: December 26, 1997
Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3)

Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin
benzene (CAS 71-43-2)
Listed: December 26, 1997

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	No

Material name: TRANSPARENT RED OXIDE MT-23-QT Version #: 01 Issue date: 05-18-2015

Country(s) or region Inventory name On inventory (yes/no)* Europe European List of Notified Chemical Substances (ELINCS) Inventory of Existing and New Chemical Substances (ENCS) Japan Nο Existing Chemicals List (ECL) Korea No New Zealand New Zealand Inventory No **Philippines** Philippine Inventory of Chemicals and Chemical Substances No (PICCS)

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

Issue date 05-18-2015

Version # 01

HMIS® ratings Health: 3*

Flammability: 3 Physical hazard: 0

NFPA ratings Health: 3

Flammability: 3 Instability: 0

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Material name: TRANSPARENT RED OXIDE MT-23-QT Version #: 01 Issue date: 05-18-2015

No

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

^{*}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).