SAFETY DATA SHEET

1. Identification

Product identifier ROBIN 224252

Other means of identification

63700 705099 406 **Product Code** Recommended use Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Quest Industrial Products, LLC. N92 W14701 Anthony Avenue **Address** Menomonee Falls, WI 53051

United States

Phone Telephone (262) 255-9500

Website quest-ip.com

E-mail info@guest-ip.com

Emergency phone number Chemtrec Phone 800-424-9300

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

> Liquefied gas Gases under pressure Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Carcinogenicity Category 2

Reproductive toxicity (the unborn child) Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects Category 1

Specific target organ toxicity, repeated

exposure

Environmental hazards Hazardous to the aquatic environment, acute Category 3

hazard

Hazardous to the aquatic environment,

long-term hazard

OSHA defined hazards Not classified.

Label elements

Health hazards



Signal word Danger

Hazard statement Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing

> cancer. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Category 3

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. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. 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: ROBIN 224252 SDS US **Response** If on skin: Wash with plenty of water. 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. If exposed or concerned: Get medical

advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated

clothing and wash before reuse.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from

sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures

exceeding 50°C/122°F.

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

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information 49.49% of the mixture consists of component(s) of unknown acute hazards to the aquatic

environment. 49.49% 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	%
ACETONE		67-64-1	30 to <40
PROPANE		74-98-6	10 to <20
TOLUENE		108-88-3	10 to <20
METHYL ETHYL KETONE		78-93-3	5 to <10
N-BUTANE		106-97-8	5 to <10
PROPYLENE GLYCOL METHYL ETHER ACETATE		108-65-6	5 to <10
XYLENE		1330-20-7	1 to <5
ETHYLBENZENE		100-41-4	0.1 to <1
Other components below reportable le	evels		10 to <20

^{*}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. Call a POISON

CENTER or doctor/physician if you feel unwell.

Skin contactNo adverse effects due to skin contact are expected. Remove contaminated clothing. Wash with

plenty of soap and water. 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.

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

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

No specific first aid measures noted.

Ingestion Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or

poison control center. Rinse mouth.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special

General information

cause redness and pain. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

treatment needed

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.

5. Fire-fighting measures

Suitable extinguishing media
Unsuitable extinguishing
media

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.

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Specific hazards arising from the chemical

Special protective equipment and precautions for firefighters

Fire fighting

equipment/instructions

Specific methods

General fire hazards

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. 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 Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. 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. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. 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 in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a well-ventilated place. 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)

Components	Туре	Value	
ACETONE (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m3	

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Components	Туре	Value	
		100 ppm	
METHYL ETHYL KETONE	PEL	590 mg/m3	
CAS 78-93-3)			
		200 ppm	
PROPANE (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
(YLENE (CAS 1330-20-7)	PEL	435 mg/m3	
		100 ppm	
IS. OSHA Table Z-2 (29 CFR 1910.100			
components	Туре	Value	
OLUENE (CAS 108-88-3)	Ceiling	300 ppm	
,	TWA	200 ppm	
S. ACGIH Threshold Limit Values		•	
omponents	Туре	Value	
CETONE (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
THYLBENZENE (CAS	TWA	20 ppm	
00-41-4) //ETHYL ETHYL KETONE	STEL	300 ppm	
CAS 78-93-3)	SIEL	300 ррш	
5/10/10/00/0/	TWA	200 ppm	
I-BUTANE (CAS 106-97-8)	STEL	1000 ppm	
OLUENE (CAS 108-88-3)	TWA	20 ppm	
YLENE (CAS 1330-20-7)	STEL	150 ppm	
(0,10 1000 10 1)	TWA	100 ppm	
JS. NIOSH: Pocket Guide to Chemica		. ос рр	
Components	Туре	Value	
CETONE (CAS 67-64-1)	TWA	590 mg/m3	
		250 ppm	
THYLBENZENE (CAS	STEL	545 mg/m3	
00-41-4)		125 ppm	
	TWA	435 mg/m3	
	1 44/ (-	
METHYL ETHYL KETONE		100 ppm	
_	STEL	-	
_		100 ppm	
_		100 ppm 885 mg/m3	
_	STEL	100 ppm 885 mg/m3 300 ppm 590 mg/m3	
CAS 78-93-3)	STEL	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm	
CAS 78-93-3)	STEL	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3	
CAS 78-93-3) I-BUTANE (CAS 106-97-8)	STEL	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm	
CAS 78-93-3) I-BUTANE (CAS 106-97-8)	STEL TWA TWA	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3	
CAS 78-93-3) I-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6)	STEL TWA TWA	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm	
CAS 78-93-3) I-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6)	STEL TWA TWA TWA	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3 1000 ppm	
CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6)	STEL TWA TWA TWA	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3 1000 ppm 560 mg/m3	
CAS 78-93-3) I-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6)	STEL TWA TWA TWA STEL	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3 1000 ppm 560 mg/m3 150 ppm	
CAS 78-93-3) I-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) COLUENE (CAS 108-88-3)	STEL TWA TWA TWA STEL TWA	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3 1000 ppm 560 mg/m3 150 ppm 375 mg/m3	
METHYL ETHYL KETONE CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) TOLUENE (CAS 108-88-3) US. Workplace Environmental Exposite Components	STEL TWA TWA TWA STEL TWA TWA ure Level (WEEL) Guides	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3 1000 ppm 560 mg/m3 150 ppm 375 mg/m3 100 ppm	
CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) TOLUENE (CAS 108-88-3) US. Workplace Environmental Exposite Components	STEL TWA TWA TWA STEL TWA TWA ure Level (WEEL) Guides Type	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3 1000 ppm 560 mg/m3 150 ppm 375 mg/m3 100 ppm	
CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) TOLUENE (CAS 108-88-3) JS. Workplace Environmental Exposu	STEL TWA TWA TWA STEL TWA TWA ure Level (WEEL) Guides	100 ppm 885 mg/m3 300 ppm 590 mg/m3 200 ppm 1900 mg/m3 800 ppm 1800 mg/m3 1000 ppm 560 mg/m3 150 ppm 375 mg/m3 100 ppm	

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Biological limit values

ACGIH Biological	Exposure Indices
Components	Value

Components	Value	Determinant	Specimen	Sampling Time
ACETONE (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
METHYL ETHYL KETONE (CAS 78-93-3)	2 mg/l	MEK	Urine	*
TOLUENE (CAS 108-88-3)	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	*

^{* -} For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

PROPYLENE GLYCOL METHYL ETHER ACETATE

(CAS 108-65-6)

TOLUENE (CAS 108-88-3)

US - Minnesota Haz Subs: Skin designation applies

TOLUENE (CAS 108-88-3)

Appropriate engineering

controls

Can be absorbed through the skin.

Skin designation applies.

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.

Can be absorbed through the skin.

Individual protection measures, such as personal protective equipment

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

Skin protection

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

supplier.

Wear appropriate chemical resistant clothing. Other

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

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 Aerosol. Liquefied gas.

Not available. Color Odor Not available. Not available. **Odor threshold** Not available. Ha

-305.68 °F (-187.6 °C) estimated Melting point/freezing point -43.78 °F (-42.1 °C) estimated Initial boiling point and boiling

range

-156.0 °F (-104.4 °C) estimated Flash point

Evaporation rate Not available. Flammability (solid, gas) Not applicable.

Material name: ROBIN 224252 SDS US 5 / 12 Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

1.3 % estimated

Flammability limit - upper

(%)

12.8 % estimated

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 2182.26 hPa estimated

Vapor densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 550 °F (287.78 °C) estimated

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

Other information

Density 6.24 lbs/gal

Flammability class Flammable IA estimated
Heat of combustion (NFPA 28.9 kJ/g estimated

30B)

Percent volatile 88.32 Specific gravity 0.75

VOC 592.057739 g/l Regulatory

4.9409613 lbs/gal Regulatory 386.258163 g/l Material 3.2234806 lbs/gal Material

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 Hazardous polymerization does not occur.

reactions

Conditions to avoid Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong acids. Acids. Strong oxidizing agents. Nitrates. Halogens. Ammonia. Amines. Isocyanates.

Fluorine. Caustics. Chlorine.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. May cause

drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation.

physical, chemical and Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May toxicological characteristics cause redness and pain.

Information on toxicological effects

Acute toxicity Narcotic effects.

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Species Test Results Components **ACETONE (CAS 67-64-1) Acute Dermal** LD50 Rabbit > 15800 mg/kg Inhalation LC50 Rat 76 mg/l, 4 Hours Oral LD50 Mouse 3000 mg/kg Rat 5800 mg/kg ETHYLBENZENE (CAS 100-41-4) **Acute Dermal** Rabbit LD50 17800 mg/kg Oral LD50 Rat 3500 mg/kg METHYL ETHYL KETONE (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 N-BUTANE (CAS 106-97-8) **Acute** Inhalation LC50 Mouse 680 mg/l, 2 Hours Rat 658 mg/l, 4 Hours PROPANE (CAS 74-98-6) <u>Acute</u> Inhalation LC50 Rat > 1442.847 mg/l, 15 Minutes **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

Rat

Oral LD50

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2.6 g/kg

Components	Species	Test Results
XYLENE (CAS 1330-20-7)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 43 g/kg
Inhalation		
LC50	Mouse	3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg
* Estimates for product ma	ay be based on additional component data	not shown.
Skin corrosion/irritation	Causes skin irritation.	

Causes serious eye irritation. Serious eye damage/eye

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

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

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

mutagenic or genotoxic.

Carcinogenicity Suspected of causing cancer. IARC Monographs. Overall Evaluation of Carcinogenicity

> ETHYLBENZENE (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.

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

laboratory animals. Suspected of damaging the unborn child.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard Not an aspiration hazard.

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

harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

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

Components		Species	Test Results
ACETONE (CAS 67-6	4-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
ETHYLBENZENE (CA	AS 100-41-4)		
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
METHYL ETHYL KET	ONE (CAS 78-93-3	3)	
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	4025 - 6440 mg/l, 48 hours

Material name: ROBIN 224252

Components		Species	Test Results
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours
TOLUENE (CAS 108-	38-3)		
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 1330-2	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.

No data is available on the degradability of this product. Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ACETONE	-0.24
ETHYLBENZENE	3.15
METHYL ETHYL KETONE	0.29
N-BUTANE	2.89
PROPANE	2.36
TOLUENE	2.73
XYLENE	3.12 - 3.2

No data available. Mobility in soil

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. Contents

under pressure. Do not puncture, incinerate or crush. 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.

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

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).

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

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

disposal. Do not re-use empty containers.

14. Transport information

DOT

UN number UN1950

UN proper shipping name Aerosols, flammable, 2.1

Transport hazard class(es)

Class Not available.

Subsidiary risk

Not applicable.

Packing group

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

IATA

UN number

UN proper shipping name Aerosols, flammable, 2.1

Transport hazard class(es)

Not available. **Class**

Subsidiary risk

Packing group Not applicable.

Material name: ROBIN 224252 SDS US 9 / 12 Environmental hazards No.

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

Other information

Passenger and cargo

aircraft

Forbidden.

Cargo aircraft only Forbidden.

IMDG

UN number UN1950

UN proper shipping name Aerosols, flammable, 2.1

Transport hazard class(es)

Class Not available.

Subsidiary risk -

Packing group Not applicable.

Environmental hazards

Marine pollutant No.

EmS Not available.

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

15. Regulatory information

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

Standard, 29 CFR 1910.1200.

Not established.

All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

ACETONE (CAS 67-64-1)

ETHYLBENZENE (CAS 100-41-4)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TOLUENE (CAS 108-88-3)

XYLENE (CAS 1330-20-7)

Listed.

Listed.

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.
TOLUENE	108-88-3	10 to <20
XYLENE	1330-20-7	1 to <5
ETHYLBENZENE	100-41-4	0.1 to <1

Other federal regulations

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

ETHYLBENZENE (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)

N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6)

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**

ACETONE (CAS 67-64-1) 6532 METHYL ETHYL KETONE (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))

ACETONE (CAS 67-64-1) 35 %WV METHYL ETHYL KETONE (CAS 78-93-3) 35 %WV **TOLUENE (CAS 108-88-3)** 35 %WV

DEA Exempt Chemical Mixtures Code Number

ACETONE (CAS 67-64-1) 6532 METHYL ETHYL KETONE (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)

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

(a))

ACETONE (CAS 67-64-1)

ETHYLBENZENE (CAS 100-41-4)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

TOLUENE (CAS 108-88-3)

XYLENE (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

ACETONE (CAS 67-64-1)

ETHYLBENZENE (CAS 100-41-4)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TOLUENE (CAS 108-88-3)

XYLENE (CAS 1330-20-7)

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

ACETONE (CAS 67-64-1)

ETHYLBENZENE (CAS 100-41-4)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TOLUENE (CAS 108-88-3)

XYLENE (CAS 1330-20-7)

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

ACETONE (CAS 67-64-1)

ETHYLBENZENE (CAS 100-41-4)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TOLUENE (CAS 108-88-3)

XYLENE (CAS 1330-20-7)

US. Rhode Island RTK

ACETONE (CAS 67-64-1)

ETHYLBENZENE (CAS 100-41-4)

METHYL ETHYL KETONE (CAS 78-93-3)

N-BUTANE (CAS 106-97-8)

PROPANE (CAS 74-98-6)

TOLUENE (CAS 108-88-3)

XYLENE (CAS 1330-20-7)

Material name: ROBIN 224252

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

4-Methyl-2-pentanone (CAS 108-10-1) Listed: November 4, 2011 CARBON BLACK (CAS 1333-86-4) Listed: February 21, 2003 ETHYL ALCOHOL (CAS 64-17-5) Listed: April 29, 2011 Listed: July 1, 1988

ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004 SILICA, CRYSTALLINE QUARTZ (CAS 14808-60-7) Listed: October 1, 1988

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

Inventory name

4-Methyl-2-pentanone (CAS 108-10-1) Listed: March 28, 2014 ETHYL ALCOHOL (CAS 64-17-5) Listed: October 1, 1987 METHANOL (CAS 67-56-1) Listed: March 16, 2012 TOLUENE (CAS 108-88-3) Listed: January 1, 1991 US - California Proposition 65 - CRT: Listed date/Female reproductive toxin TOLUENE (CAS 108-88-3) Listed: August 7, 2009

International Inventories

Australia

Country(s) or region

Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
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	No

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

Australian Inventory of Chemical Substances (AICS)

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

(PICCS)

Issue date 04-21-2015

Version # 01

HMIS® ratings Health: 2*

Flammability: 4 Physical hazard: 0

NFPA ratings Health: 2

Flammability: 4 Instability: 0

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Material name: ROBIN 224252 SDS US

On inventory (yes/no)*

Nο

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).