

Safety Data Sheet



Section 1: Identification

Product identifier

- Product Name** • **Malathion Liquid Concentrate**
- Synonyms** • 100208945; 100208949; 100209013; 100209014; 100209015; 100209016; 5 lb. Malathion Spray; EPA Reg. No.: 89459-36
- Product Description** • Light amber liquid.
- Relevant identified uses of the substance or mixture and uses advised against**
- Recommended use** • Pesticide.
- Restrictions on use** •
- KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with eyes, skin and clothing. Do not use or store near heat or open flame. Avoid release to the environment. Do not take internally.

Details of the supplier of the safety data sheet

- Manufacturer** • Central Garden & Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States
- www.central.com

Emergency telephone number

- Manufacturer (Transportation)** • 1-800-424-9300 - CHEMTREC
- Manufacturer (Transportation)** • 1-703-527-3887 - Chemtrec - Outside US collect calls accepted
- Manufacturer** • 1-800-248-7763

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

- OSHA HCS 2012**
- Aspiration 1
 - Flammable Liquids 3
 - Specific Target Organ Toxicity Single Exposure 1
 - Specific Target Organ Toxicity Repeated Exposure 1
 - Skin Irritation 2
 - Eye Irritation 2A
 - Carcinogenicity 1B

Label elements

OSHA HCS 2012

DANGER

- Hazard statements** • May be fatal if swallowed and enters airways
 Causes damage to organs.
 Causes damage to organs through prolonged or repeated exposure.
 Causes serious eye irritation
 Causes skin irritation
 Flammable liquid and vapor.
 May cause cancer.

Precautionary statements

- Prevention** • Wash thoroughly after handling.
 Avoid breathing dust, fume, gas, mist, vapors and/or spray.
 Use only outdoors or in a well-ventilated area.
 Ground and/or bond container and receiving equipment.
 Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 Keep container tightly closed.
 Take precautionary measures against static discharge.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Do not eat, drink or smoke when using this product.
- Response** • IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 Do NOT induce vomiting.
 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 In case of fire: Use appropriate media Dry chemical, CO₂, foam, water fog. for extinction.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 IF exposed: Call POISON CENTER or doctor/physician.
 IF exposed or concerned: Get medical advice/attention.
- Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
 Store in a well-ventilated place. Keep cool.
 Store locked up.

Other hazards**OSHA HCS 2012**

- This product is extremely toxic to aquatic organisms, including fish and invertebrates. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
Malathion	CAS:121-75-5	57%
Solvent naphtha (petroleum), light aromatic	CAS:64742-95-6	35.83% TO 36.73%
Cumene	CAS:98-82-8	< 0.38%
1,2,4-Trimethylbenzene	CAS:95-63-6	< 11.33%
Xylene	CAS:1330-20-7	< 0.77%
Phenylsulfonate	CAS:70528-83-5	1.2% TO 1.8%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove person 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

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse. Call poison control center or doctor for treatment advice.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- IF SWALLOWED: Immediately call a poison control center or doctor. Aspiration hazard - if swallowed, do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

- Exposure to malathion may result in cholinesterase depression. May cause cancer, aspiration hazard, causes skin irritation, , causes eye irritation. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- NOTE TO PHYSICIAN: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Contains Petroleum Distillate. May pose an aspiration pneumonia hazard. Gastric lavage may be indicated if product was taken internally.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO₂, water spray or regular foam.

Unsuitable Extinguishing Media • Do not use direct water stream.

Firefighting Procedures • Do not allow fire fighting water to escape into waterways or sewers.
LARGE FIRES: Move containers from fire area if you can do it without risk.
Stay upwind.
Ventilate closed spaces before entering.
Do not breathe gas/fumes/vapor/spray.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Flammable liquid.
Flammable; may be ignited by heat, sparks or flames.
Containers may explode when heated.

Hazardous Combustion Products • Thermal degradation may produce toxic vapors and gases which may include dimethyl sulfide, carbon oxides, phosphorous oxides, sulfur oxides.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • Do not walk through spilled material. Ventilate enclosed areas. Wear appropriate personal protective equipment, avoid direct contact. Keep all sources of ignition away.

Emergency Procedures • ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering. Avoid release into the environment. Stay upwind. Avoid unnecessary personnel and equipment traffic in the spill area. Take precautionary measures against static discharge. Turn off electric power to area. Eliminate all ignition sources. Stop leak if you can do it without risk.

Environmental precautions

- LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal.
All equipment used when handling the product must be grounded.
LARGE SPILLS: Dike far ahead of spill for later disposal.
Stop leak if you can do it without risk.

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Keep away from fire - No Smoking. Avoid breathing fumes. Use only in well ventilated areas. Wear appropriate personal protective equipment, avoid direct contact. Keep away from heat and sparks. Do not use in areas without adequate ventilation. Do not use sparking tools. Take precautionary measures against static charges. Wash hands thoroughly with soap and water after handling. Wear appropriate respirator when ventilation is inadequate.

Conditions for safe storage, including any incompatibilities

Storage

- Store locked up. Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources. Keep from freezing. STORE IN A COOL LOCATION. Storage at high temperatures may induce formation of the much more toxic and synergistic contaminant isomalathion. Keep container tightly closed. Keep only in the original container. Product should be stored at temperatures not exceeding 68 to 77°F (20° to 25°C). Protect container from physical damage. Store away from strong bases.

Incompatible Materials or Ignition Sources

- Heat, sparks, open flame.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines • No data available.

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Cumene (98-82-8)	TWAs	50 ppm TWA	50 ppm TWA; 245 mg/m3 TWA	50 ppm TWA; 245 mg/m3 TWA
Xylene (1330-20-7)	TWAs	100 ppm TWA	Not established	100 ppm TWA; 435 mg/m3 TWA
	STELs	150 ppm STEL	Not established	Not established
1,2,4-Trimethylbenzene (95-63-6)	TWAs	Not established	25 ppm TWA; 125 mg/m3 TWA	Not established
Malathion (121-75-5)	TWAs	1 mg/m3 TWA (inhalable fraction and vapor)	10 mg/m3 TWA	15 mg/m3 TWA (total dust)

Exposure Control Notations

OSHA

- Malathion (121-75-5): **Skin:** (prevent or reduce skin absorption)
- Cumene (98-82-8): **Skin:** (prevent or reduce skin absorption)

ACGIH

- Malathion (121-75-5): **Skin:** (Skin - potential significant contribution to overall exposure by the cutaneous route)

NIOSH

- Malathion (121-75-5): **Skin:** (Potential for dermal absorption)
- Cumene (98-82-8): **Skin:** (Potential for dermal absorption)

Exposure Limits Supplemental

ACGIH

- Malathion (121-75-5): **TLV Basis - Critical Effects:** (cholinesterase inhibition)
- Cumene (98-82-8): **TLV Basis - Critical Effects:** (CNS impairment; eye, skin and upper respiratory tract irritation)
- Xylene (1330-20-7): **TLV Basis - Critical Effects:** (CNS impairment; eye and upper respiratory tract irritation)

Exposure controls

Engineering Measures/Controls

- Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapor etc) below recommended exposure limits.

Personal Protective Equipment

Pictograms



Respiratory

-

In case of inadequate ventilation, avoid breathing vapors or mist, wear a NIOSH approved chemical cartridge respirator with organic vapor cartridges and a pesticide pre-filter.

Eye/Face

- Wear chemical splash safety goggles.

Hands

- Wear chemical resistant gloves. Barrier laminate, nitrile rubber, neoprene rubber or Viton are recommended.

Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Light amber liquid.
Color	Light amber.	Odor	Malathion characteristic.
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	0.99-1.06 g/cc (8.29-8.82 lb/gal)	Density	No data available
Water Solubility	No data available	Viscosity	No data available
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	113°F (45°C) TCC	UEL	12.6% (solvent - approximate)
LEL	1.9%	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- Non-reactive under normal handling and storage conditions. Malathion can be rapidly hydrolysed at pH >7.

Chemical stability

- Stable if handled below 131°F / 55°C. At higher temperatures decomposition may take place, and the released heat from decomposition can raise the temperature further and

accelerate decomposition.

Possibility of hazardous reactions

- Above 284°F / 140°C Malathion will decompose rapidly, significantly increasing the risk of inducing explosions. Direct local heating such as electric heating or by steam must be avoided. The decomposition is to a considerable extent dependent on time as well as temperature due to self-accelerating exothermic and autocatalytic reactions. The reactions involve rearrangements and polymerization releasing volatile, malodorous and inflammable compounds such as dimethyl sulfide.

Conditions to avoid

- Heat, sparks, open flame, other ignition sources, and oxidizing conditions. Excessive heat.

Incompatible materials

- Heat, strong acids, strong bases and oxidizing agents. Malathion can corrode iron, steel, tin plate and copper.

Hazardous decomposition products

- Thermal degradation may produce toxic vapors and gases which may include dimethyl sulfide, carbon oxides, phosphorous oxides, sulfur oxides.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Malathion (57%)	121-75-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 5500 mg/kg; Inhalation-Species unspecified LC50 • >5.2 mg/L 4 Hour (s); Skin-Rat LD50 • >2000 mg/kg

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Irritation 2A
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Aspiration 1
Carcinogenicity	OSHA HCS 2012 • Carcinogenicity 1B
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 1
STOT-RE	OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1

Potential Health Effects

Inhalation

Acute (Immediate)

- Malathion and isomalathion can affect you when breathed in and can cause organophosphorous poisoning. Symptoms of poisoning may include headache, nausea, vomiting, blurred vision, tightness in chest, drooling, frothing of mouth and nose, convulsions, coma and death.

Chronic (Delayed)

- Repeated and prolonged exposure to malathion and isomalathion can affect you when breathed in and can cause organophosphorous poisoning. Symptoms of poisoning may include headache, nausea, vomiting, blurred vision, tightness in chest, drooling, frothing of mouth and nose, convulsions, coma and death.

Skin

Acute (Immediate)

- Causes skin irritation. Malathion and isomalathion can be rapidly absorbed through all skin surfaces. Causes symptoms similar to those listed for inhalation.

Chronic (Delayed)

- No data available.

Eye

Acute (Immediate)

- Malathion and isomalathion can be rapidly absorbed through all skin and eye surfaces. Causes symptoms similar to those listed for inhalation. Causes eye irritation.

Chronic (Delayed)

- No data available

Ingestion

Acute (Immediate)

- Aspiration hazard - small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Malathion and isomalathion are poisons through ingestion. Causes symptoms similar to those listed for inhalation.

Chronic (Delayed)

- No data available.

Mutagenic Effects

- Malathion is not mutagenic.

Carcinogenic Effects

- Malathion = IARC 2A, Cumene = IARC 2B

Reproductive Effects

- Malathion does not produce birth defects or adverse effects on reproduction.

Section 12 - Ecological Information

Toxicity

Components		
Malathion (57%)	121-75- 5	<p>Aquatic Toxicity-Fish: 96 Hour(s) LC50 <i>Rainbow trout</i> 0.18 mg/L [Acute] 37 Day(s) NOEC <i>Rainbow trout</i> 0.021 mg/L [Chronic]</p> <p>Aquatic Toxicity-Crustacea: 48 Hour(s) EC50 <i>Daphnia magna</i> 0.00072 mg/L [Acute] 21 Day(s) NOEC <i>Daphnia magna</i> 0.00006 mg/L [Chronic]</p> <p>Aquatic Toxicity-Algae and Other Aquatic Plant(s): 72 Hour(s) LC50 Algae <i>Selenastrum capricornutum</i> 4.06 mg/L [Acute]</p>

Persistence and degradability

- The active ingredient, Malathion, is readily biodegradable. It undergoes rapid degradation in the environment and, without problems, in sewage treatment plants. No adverse effects are observed at concentrations up to 100 mg/L in waste water

treatment plants. Degradation occurs both aerobically and anaerobically, and biologically as well as abiotically.

Bioaccumulative potential

- No data available.

Mobility in Soil

- Under normal conditions malathion is of medium mobility in soil, but is degraded rapidly.

Other adverse effects

Potential Environmental Effects

- This product is toxic to aquatic organisms, including fish and invertebrates. This product is highly toxic to bees exposed to direct treatment. Care should be taken to avoid contamination of the environment.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Never place unused product down any indoor or outdoor drain.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. See product label for disposal instructions.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	UN1268	Packaging => 175 lbs: Petroleum distillates, n.o.s.	3	III	RQ = 100 lbs. Malathion
IMO/IMDG	UN 1268	Petroleum distillates, n.o.s.	3	III	Marine Pollutant
IATA/ICAO	UN 1268	Petroleum distillates n.o.s.	3	III	Acute Aquatic Toxicity

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

- DOT** • Environmental Hazards: RQ (Malathion = 100 lb).
IMO/IMDG • No data available
IATA/ICAO • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute, SARA Title III Section 313

FIFRA – Pesticide Labeling

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

WARNING

Precautionary Statements • KEEP OUT OF THE REACH OF CHILDREN.

Hazards to Humans and Domestic Animals

Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Personal Protective Equipment: Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, or viton. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

First Aid •

FIRST AID If swallowed • Immediately call a Poison Control Center or doctor. • Do not induce vomiting unless told to by a Poison Control Center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person: If on skin or clothing • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a Poison Control Center or doctor for treatment advice. If inhaled • Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a Poison Control Center or doctor for further treatment advice. If in eyes • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a Poison Control Center or doctor for treatment advice. NOTE TO PHYSICIAN: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Contains Petroleum Distillate. May pose an aspiration pneumonia hazard. Gastric lavage may be indicated if product was taken internally.

Environmental Hazards •

This product is toxic to aquatic organisms, including fish and invertebrates. This product may contaminate water through drift of spray in wind. This product has a high potential for runoff after application. Use care when applying in or to an area which is adjacent to any body of water, and do not apply when weather conditions favor drift from target area. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge

Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Physical or Chemical Hazards • Combustible. Do not use or store near heat or open flame.

Inventory		
Component	CAS	TSCA
1,2,4-Trimethylbenzene	95-63-6	Yes
Cumene	98-82-8	Yes
Malathion	121-75-5	No
Phenylsulfonate	70528-83-5	Yes
Solvent naphtha (petroleum), light aromatic	64742-95-6	Yes
Xylene	1330-20-7	Yes

United States

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Cumene	98-82-8	
• Xylene	1330-20-7	(isomers and mixtures)
• 1,2,4-Trimethylbenzene	95-63-6	Not Listed
• Solvent naphtha (petroleum), light aromatic	64742-95-6	Not Listed
• Phenylsulfonate	70528-83-5	Not Listed
• Malathion	121-75-5	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Cumene	98-82-8	5000 lb final RQ; 2270 kg final RQ
• Xylene	1330-20-7	100 lb final RQ; 45.4 kg final RQ
• 1,2,4-Trimethylbenzene	95-63-6	Not Listed
• Solvent naphtha (petroleum), light aromatic	64742-95-6	Not Listed
• Phenylsulfonate	70528-83-5	Not Listed
• Malathion	121-75-5	100 lb final RQ; 45.4 kg final RQ

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Cumene	98-82-8	1.0 % de minimis concentration
• Xylene	1330-20-7	1.0 % de minimis concentration
• 1,2,4-Trimethylbenzene	95-63-6	1.0 % de minimis concentration
• Solvent naphtha (petroleum), light aromatic	64742-95-6	Not Listed
• Phenylsulfonate	70528-83-5	Not Listed
• Malathion	121-75-5	1.0 % de minimis concentration

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• Cumene	98-82-8	Not Listed
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• Xylene	1330-20-7	Included in waste stream: F039
• 1,2,4-Trimethylbenzene	95-63-6	Not Listed
• Solvent naphtha (petroleum), light aromatic	64742-95-6	Not Listed
• Phenylsulfonate	70528-83-5	Not Listed
• Malathion	121-75-5	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• Cumene	98-82-8	waste number U055 (Ignitable waste)
• Xylene	1330-20-7	waste number U239 (Ignitable waste)
• 1,2,4-Trimethylbenzene	95-63-6	Not Listed
• Solvent naphtha (petroleum), light aromatic	64742-95-6	Not Listed
• Phenylsulfonate	70528-83-5	Not Listed
• Malathion	121-75-5	Not Listed

Section 16 - Other Information

Revision Summary

Revision Date	MSDS Number	Changes
14/January/2016		• Section 14 revised.

Revision Date • 14/January/2016

Last Revision Date • 31/August/2015

Preparation Date • 31/August/2015

Disclaimer/Statement of Liability • The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.