



SAFETY DATA SHEET

09-06310

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Version 3

1. IDENTIFICATION

Product identifier

Product Name Zinc Green Primer

Other means of identification

Product Code P-1006

UN/ID no 1263

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Paint, Coatings.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

3Chem Corporation
1700 West Sheridan
Oklahoma City, OK. 73106
Telephone: 1-866-324-3666

Emergency telephone number

Emergency Telephone 24 Hour Chemical Emergency Response: (Spill, Leak, Fire, Exposure or Accident) Call
INFOTRAC - Day or Night 1-800-535-5053
Outside the USA, Call Collect 1-352-323-3500

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 3

Label elements

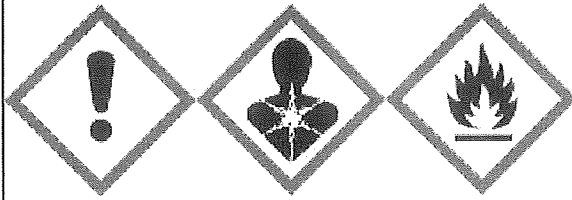
Emergency Overview

Danger

Hazard statements

May cause an allergic skin reaction
May cause genetic defects
May cause cancer
May cause damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways

Flammable liquid and vapor



Appearance No information available

Physical state liquid

Odor No information available

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Wear protective gloves/protective clothing/eye protection/face protection
 Contaminated work clothing must not be allowed out of the workplace
 Do not breathe dust/fume/gas/mist/vapors/spray
 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/ tools / equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 Specific treatment (see statements on this label)
 If skin irritation or rash occurs: Get medical advice/attention Wash contaminated clothing before reuse
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower IF SWALLOWED: Immediately call a POISON CENTER or doctor
 Do NOT induce vomiting
 In case of fire: Use CO2, dry chemical, or foam to extinguish

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

May be harmful in contact with skin Causes mild skin irritation Toxic to aquatic life with long lasting effects

Unknown acute toxicity 49.79016 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No	Weight-%	Trade Secret
Non-hazardous ingredient(s)	-	10 - 30	*
Naphtha, petroleum, hydrotreated light	64742-49-0	10 - 30	*
Talc	14807-96-6	10 - 30	*
Distillates, petroleum, light distillate hydrotreating process, low-boiling	68410-97-9	7 - 13	*

Iron Oxide Yellow	51274-00-1	7 - 13	*
Trizinc diphosphate	7779-90-0	3 - 7	*
Xylenes (o-, m-, p- isomers)	1330-20-7	3 - 7	*
n-Butyl acetate	123-86-4	1 - 5	*
Dolomite	16389-88-1	1 - 5	*
Ethylbenzene	100-41-4	1 - 5	*
Dimethyl carbonate	616-38-6	1 - 5	*
Acrylic polymer(s)	UNKNOWN	0.1 - 1	*
Quaternary Ammonium Compounds, Bis(hydrogenated Tallow Alkyl)dimethyl, Salt with bentonite	68953-58-2	0.1 - 1	*
Octane	111-65-9	0.1 - 1	*
QUARTZ	14808-60-7	0.1 - 1	*
Copper Phthalocyanine Green 7	1328-53-6	0.1 - 1	*
Methyl ethyl ketoxime	96-29-7	0.1 - 1	*
Carbon Black	1333-86-4	0.1 - 1	*
Zirconium(IV) oxide 2-ethylhexanoate	22464-99-9	0.1 - 1	*
Naphtha (petroleum), hydrotreated heavy	64742-48-9	0.1 - 1	*
Naphtha, petroleum, hydrodesulfurized heavy	64742-82-1	0.1 - 1	*
Cobalt(II) 2-ethylhexanoate solution	136-52-7	<0.1	*
Petroleum naphtha, light aromatic	64742-95-6	<0.1	*
Dipropylene Glycol Methyl Ether	34590-94-8	<0.1	*
Calcium Carbonate	471-34-1	<0.1	*
zirconium, bis(acetato-o)oxo-	5153-24-2	<0.1	*
Toluene	108-88-3	<0.1	*
Butyl methacrylate	97-88-1	<0.1	*
Nonane	111-84-2	<0.1	*
Salts of aliphatic acid	UNKNOWN	<0.1	*
Propionic acid	79-09-4	<0.1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid

measures Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical advice/attention.

Skin contact

Wash with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention if irritation develops and persists. In the event of any complaints or symptoms, avoid further exposure. Wash contaminated clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If breathing is irregular or stopped, administer artificial respiration. It may be dangerous to the person giving mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Ingestion

Get medical attention immediately. Call a physician or poison control center immediately. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an

open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Most important symptoms and effects, both acute and delayed

Symptoms If inhaled, can cause central nervous system depression. May cause drowsiness and dizziness. May cause respiratory irritation. If on skin, may cause an allergic reaction. If ingested, can cause central nervous system depression. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use dry chemical, CO₂, water spray (fog), or foam.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Flammable liquid and vapor. In a fire, or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Explosion data

Sensitivity to Mechanical Impact No data available.

Sensitivity to Static Discharge May be ignited by heat, sparks or flames.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken involving personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walked through spilled material. Shut off all ignition sources. No flares, smoking, or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental precautions

Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up Clean with detergents. Avoid solvent cleaners. Dam up and soak up with absorbent material. Pickup and transfer to appropriate containers for disposal. Clean contaminated surface thoroughly. Dispose of waste product or used containers according to local

regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Prevent the creation of flammable or explosive concentrations or vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Never use pressure to empty container. Comply with the health and safety at-work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixture with air. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Risk of self-ignition of used cleaning rags, paper wipes, etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Strong bases. Strong oxidizing agents. Strong acids. Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Talc 14807-96-6	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m ³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more; use Quartz limit	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³ containing no Asbestos and <1% Quartz respirable dust
Xylenes (o-, m-, p- isomers) 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³	-
n-Butyl acetate 123-86-4	STEL: 150 ppm TWA: 50 ppm	TWA: 150 ppm TWA: 710 mg/m ³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m ³ (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m ³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³
Octane 111-65-9	TWA: 300 ppm	TWA: 500 ppm TWA: 2350 mg/m ³ (vacated) TWA: 300 ppm (vacated) TWA: 1450 mg/m ³ (vacated) STEL: 375 ppm (vacated) STEL: 1800 mg/m ³	IDLH: 1000 ppm Ceiling: 385 ppm 15 min Ceiling: 1800 mg/m ³ 15 min TWA: 75 ppm TWA: 350 mg/m ³
QUARTZ 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ TWA: 50 µg/m ³ excludes construction work, agricultural operations, and	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust

		exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	
Copper Phthalocyanine Green 7 1328-53-6	TWA: 1 mg/m ³ Cu dust and mist	-	IDLH: 100 mg/m ³ Cu dust and mist TWA: 1 mg/m ³ Cu dust and mist
Carbon Black 1333-86-4	TWA: 3 mg/m ³ inhalable particulate matter	TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Zirconium(IV) oxide 2-ethylhexanoate 22464-99-9	STEL: 10 mg/m ³ Zr TWA: 5 mg/m ³ Zr	TWA: 5 mg/m ³ Zr (vacated) TWA: 5 mg/m ³ Zr (vacated) STEL: 10 mg/m ³ Zr	IDLH: 25 mg/m ³ Zr TWA: 5 mg/m ³ except Zirconium tetrachloride Zr STEL: 10 mg/m ³ Zr
Dipropylene Glycol Methyl Ether 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ³ (vacated) S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³
Calcium Carbonate 471-34-1	-	-	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
zirconium, bis(acetato-o)oxo- 5153-24-2	STEL: 10 mg/m ³ Zr TWA: 5 mg/m ³ Zr	TWA: 5 mg/m ³ Zr (vacated) TWA: 5 mg/m ³ Zr (vacated) STEL: 10 mg/m ³ Zr	IDLH: 25 mg/m ³ Zr TWA: 5 mg/m ³ except Zirconium tetrachloride Zr STEL: 10 mg/m ³ Zr
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³
Nonane 111-84-2	TWA: 200 ppm	(vacated) TWA: 200 ppm (vacated) TWA: 1050 mg/m ³	TWA: 200 ppm TWA: 1050 mg/m ³
Propionic acid 79-09-4	TWA: 10 ppm	(vacated) TWA: 10 ppm (vacated) TWA: 30 mg/m ³	TWA: 10 ppm TWA: 30 mg/m ³ STEL: 15 ppm STEL: 45 mg/m ³

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. The engineering controls also need to keep gas, vapor, or dust concentrations below any exposure limits. Use explosion-proof ventilation equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should be anti-static overalls, boots, and gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	No information available
Appearance	No information available	Odor threshold	No information available
Color	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks •Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	245 °F - 307 °F	
Flash point	39.44 °C / 103 °F	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	7.6%	
Lower flammability limit:	0.9%	
Vapor pressure	No information available	
Vapor density	No information available	Heavier than air
Relative density	1.145	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
Material VOC	3.956 lbs/gal
Coating VOC	4.004 lbs/gal
Density	9.539 lbs/gal
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong bases. Strong oxidizing agents. Strong acids. Acids.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Naphtha, petroleum, hydrotreated light 64742-49-0	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 73680 ppm (Rat) 4 h
Distillates, petroleum, light distillate hydrotreating process, low-boiling 68410-97-9	= 5170 mg/kg (Rat)	-	> 12408 ppm (Rat) 4 h
Trizinc diphosphate 7779-90-0	> 5000 mg/kg (Rat)	-	-
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h
n-Butyl acetate 123-86-4	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h
Dimethyl carbonate 616-38-6	= 13 g/kg (Rat)	> 5 g/kg (Rabbit)	= 140 mg/L (Rat) 4 h
Quaternary Ammonium Compounds, Bis(hydrogenated Tallow Alkyl)dimethyl, Salt with bentonite 68953-58-2	> 5000 mg/kg (Rat)	-	> 12.6 mg/L (Rat) 4 h
Octane 111-65-9	-	-	= 118 g/m ³ (Rat) 4 h = 25260 ppm (Rat) 4 h > 23.36 mg/L (Rat) 4 h
Copper Phthalocyanine Green 7 1328-53-6	> 5000 mg/kg (Rat)	-	-
Methyl ethyl ketoxime 96-29-7	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4800 mg/m ³ (Rat) 4 h
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Naphtha (petroleum), hydrotreated heavy 64742-48-9	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m ³ (Rat) 4 h
Naphtha, petroleum, hydrodesulfurized heavy 64742-82-1	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	-
Cobalt(II) 2-ethylhexanoate solution 136-52-7	-	> 5000 mg/kg (Rabbit)	> 10 mg/L (Rat) 1 h
Petroleum naphtha, light aromatic 64742-95-6	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Dipropylene Glycol Methyl Ether 34590-94-8	= 5.35 g/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Calcium Carbonate 471-34-1	= 6450 mg/kg (Rat)	-	-
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h
Butyl methacrylate 97-88-1	= 16 g/kg (Rat)	= 11300 mg/kg (Rabbit)	= 4910 ppm (Rat) 4 h

Nonane 111-84-2	-	-	= 3200 ppm (Rat) 4 h
Propionic acid 79-09-4	= 351 mg/kg (Rat)	= 496 mg/kg (Rabbit)	= 4650 ppm (Rat) 8 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Talc 14807-96-6	-	Group 3	-	X
Xylenes (o-, m-, p- isomers) 1330-20-7	-	Group 3	-	-
Ethylbenzene 100-41-4	A3	Group 2B	-	X
QUARTZ 14808-60-7	A2	Group 1	Known	X
Carbon Black 1333-86-4	A3	Group 2B	-	X
Cobalt(II) 2-ethylhexanoate solution 136-52-7	-	Group 2B	Reasonably Anticipated	X
Toluene 108-88-3	-	Group 3	-	-

Reproductive toxicity STOT No information available.

- single exposure STOT - No information available.

repeated exposure No information available.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	7,507.00
ATEmix (dermal)	4,883.00
ATEmix (inhalation-gas)	30,761.00
ATEmix (inhalation-dust/mist)	13.18
ATEmix (inhalation-vapor)	5,019.00

12. ECOLOGICAL INFORMATION**Ecotoxicity**

69.7922276 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Naphtha, petroleum, hydrotreated light 64742-49-0	-	-	2.6: 96 h Chaetogammarus marinus mg/L LC50
Talc 14807-96-6	-	100: 96 h Brachydanio rerio g/L LC50 semi-static	-
Xylenes (o-, m-, p- isomers) 1330-20-7	-	13.4: 96 h Pimephales promelas mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 19: 96 h Lepomis	3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50

		macrochirus mg/L LC50 23.53 - 29.97; 96 h Pimephales promelas mg/L LC50 static 2.661 - 4.093; 96 h Oncorhynchus mykiss mg/L LC50 static 30.26 - 40.75; 96 h Poecilia reticulata mg/L LC50 static	
n-Butyl acetate 123-86-4	674.7; 72 h Desmodemus subspicatus mg/L EC50	100: 96 h Lepomis macrochirus mg/L LC50 static 17 - 19; 96 h Pimephales promelas mg/L LC50 flow-through 62; 96 h Leuciscus idus mg/L LC50 static	72.8; 24 h Daphnia magna mg/L EC50
Ethylbenzene 100-41-4	4.6; 72 h Pseudokirchneriella subcapitata mg/L EC50 1.7 - 7.6; 96 h Pseudokirchneriella subcapitata mg/L EC50 static 438; 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3; 72 h Pseudokirchneriella subcapitata mg/L EC50 static	11.0 - 18.0; 96 h Oncorhynchus mykiss mg/L LC50 static 4.2; 96 h Oncorhynchus mykiss mg/L LC50 semi-static 9.1 - 15.6; 96 h Pimephales promelas mg/L LC50 static 9.6; 96 h Poecilia reticulata mg/L LC50 static 7.55 - 11; 96 h Pimephales promelas mg/L LC50 flow-through 32; 96 h Lepomis macrochirus mg/L LC50 static	1.8 - 2.4; 48 h Daphnia magna mg/L EC50
Octane 111-65-9	-	-	0.38; 48 h water flea mg/L EC50
Copper Phthalocyanine Green 7 1328-53-6	-	752.4; 96 h Lepomis macrochirus mg/L LC50 static	500; 24 h Daphnia magna Straus mg/L EC50
Methyl ethyl ketoxime 96-29-7	83; 72 h Desmodemus subspicatus mg/L EC50	760; 96 h Poecilia reticulata mg/L LC50 static 777 - 914; 96 h Pimephales promelas mg/L LC50 flow-through 320 - 1000; 96 h Leuciscus idus mg/L LC50 static	750; 48 h Daphnia magna mg/L EC50
Carbon Black 1333-86-4	-	-	5600; 24 h Daphnia magna mg/L EC50
Naphtha (petroleum), hydrotreated heavy 64742-48-9	-	2200; 96 h Pimephales promelas mg/L LC50	2.6; 96 h Chaetogammarus marinus mg/L LC50
Naphtha, petroleum, hydrodesulfurized heavy 64742-82-1	-	-	2.6; 96 h Chaetogammarus marinus mg/L LC50
Petroleum naphtha, light aromatic 64742-95-6	-	9.22; 96 h Oncorhynchus mykiss mg/L LC50	6.14; 48 h Daphnia magna mg/L EC50
Dipropylene Glycol Methyl Ether 34590-94-8	-	10000; 96 h Pimephales promelas mg/L LC50 static	1919; 48 h Daphnia magna mg/L LC50
Toluene 108-88-3	433; 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5; 72 h Pseudokirchneriella subcapitata mg/L EC50 static	12.6; 96 h Pimephales promelas mg/L LC50 static 5.89 - 7.81; 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.8; 96 h Oncorhynchus mykiss mg/L LC50 semi-static 54; 96 h Oryzias latipes mg/L LC50 static 14.1 - 17.16; 96 h Oncorhynchus mykiss mg/L LC50 static 28.2; 96 h Poecilia reticulata mg/L LC50 semi-static 15.22 - 19.05; 96 h Pimephales promelas mg/L LC50 flow-through 11.0 - 15.0; 96 h Lepomis macrochirus mg/L LC50 static 50.87 - 70.34; 96 h Poecilia reticulata mg/L LC50 static	5.46 - 9.83; 48 h Daphnia magna mg/L EC50 Static 11.5; 48 h Daphnia magna mg/L EC50
Butyl methacrylate 97-88-1	57; 96 h Pseudokirchneriella subcapitata mg/L EC50	11; 96 h Pimephales promelas mg/L LC50 flow-through	32; 48 h Daphnia magna mg/L EC50
Propionic acid 79-09-4	43; 96 h Desmodemus subspicatus mg/L EC50 45.8; 72 h Desmodemus subspicatus mg/L EC50	1; 96 h Pimephales promelas mg/L LC50 static 73 - 99.7; 96 h Lepomis macrochirus mg/L LC50 static 51; 96 h Oncorhynchus mykiss mg/L LC50 static	-

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Xylenes (o-, m-, p- isomers) 1330-20-7	2.77 - 3.15
n-Butyl acetate 123-86-4	1.81
Ethylbenzene 100-41-4	3.2
Octane 111-65-9	5.18
Methyl ethyl ketoxime 96-29-7	0.65
Dipropylene Glycol Methyl Ether 34590-94-8	-0.064
Toluene 108-88-3	2.7
Butyl methacrylate 97-88-1	2.26
Propionic acid 79-09-4	0.25 - 0.33

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes The generation of waste should be avoided or minimized whenever possible. Disposal of this product, solutions, or any by-products should at all time comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. This material and its container must be disposed of in a safe manner. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapors from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld, or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Xylenes (o-, m-, p- isomers) 1330-20-7	-	Included in waste stream: F039	-	U239
Ethylbenzene 100-41-4	-	Included in waste stream: F039	-	-
Toluene 108-88-3	U220	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151	-	U220

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Toluene 108-88-3	-	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free	-

			radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	
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Chemical Name	California Hazardous Waste Status
Trizinc diphosphate 7779-90-0	Toxic
Xylenes (o-, m-, p- isomers) 1330-20-7	Toxic Ignitable
n-Butyl acetate 123-86-4	Toxic
Ethylbenzene 100-41-4	Toxic Ignitable
Octane 111-65-9	Toxic Ignitable
Copper Phthalocyanine Green 7 1328-53-6	Toxic
Cobalt(II) 2-ethylhexanoate solution 136-52-7	Toxic
Toluene 108-88-3	Toxic Ignitable
Propionic acid 79-09-4	Toxic Corrosive Ignitable

14. TRANSPORT INFORMATION

DOT

UN/ID no 1263
 Proper shipping name Paint
 Hazard Class 3
 Packing Group III
 Emergency Response Guide Number 128

IATA

UN/ID no 1263
 Proper shipping name Paint
 Hazard Class 3
 Packing Group III

IMDG

UN/ID no 1263
 Proper shipping name Paint
 Hazard Class 3
 Packing Group II

Special precautions

All packaging must be reviewed for suitability prior to shipment, and compliance with applicable regulations is the sole responsibility of the person offering the product for transport. Persons loading or unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations. If there are any questions concerning shipments of this product, please call our main office telephone number for clarification.

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Trizinc diphosphate - 7779-90-0	1.0
Xylenes (o-, m-, p- isomers) - 1330-20-7	1.0
Ethylbenzene - 100-41-4	0.1
Copper Phthalocyanine Green 7 - 1328-53-6	1.0
Cobalt(II) 2-ethylhexanoate solution - 136-52-7	1.0
Dipropylene Glycol Methyl Ether - 34590-94-8	1.0
Toluene - 108-88-3	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Trizinc diphosphate 7779-90-0	-	X	-	-
Xylenes (o-, m-, p- isomers) 1330-20-7	100 lb	-	-	X
n-Butyl acetate 123-86-4	5000 lb	-	-	X
Ethylbenzene 100-41-4	1000 lb	X	X	X
Copper Phthalocyanine Green 7 1328-53-6	-	X	-	-
Toluene 108-88-3	1000 lb	X	X	X
Propionic acid 79-09-4	5000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Xylenes (o-, m-, p- isomers) 1330-20-7	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
n-Butyl acetate 123-86-4	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
Ethylbenzene 100-41-4	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Toluene 108-88-3	1000 lb 1 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
Propionic acid 79-09-4	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Ethylbenzene - 100-41-4	Carcinogen
QUARTZ - 14808-60-7	Carcinogen
Carbon Black - 1333-86-4	Carcinogen
Toluene - 108-88-3	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Talc 14807-96-6	X	X	X
Trizinc diphosphate 7779-90-0	X	-	X
Xylenes (o-, m-, p- isomers) 1330-20-7	X	X	X
n-Butyl acetate 123-86-4	X	X	X
Ethylbenzene 100-41-4	X	X	X
Dimethyl carbonate 616-38-6	X	X	X
Octane 111-65-9	X	X	X
QUARTZ 14808-60-7	X	X	X
Copper Phthalocyanine Green 7 1328-53-6	X	-	X
Carbon Black 1333-86-4	X	X	X
Cobalt(II) 2-ethylhexanoate solution 136-52-7	X	-	X
Dipropylene Glycol Methyl Ether 34590-94-8	X	X	X
Toluene 108-88-3	X	X	X
Butyl methacrylate 97-88-1	X	X	X
Nonane 111-84-2	X	X	X
Propionic acid 79-09-4	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 2	Flammability 2	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 2	Flammability 2	Physical hazards 0	Personal protection X

Prepared By Joel Mann 13-
Issue Date Revision Date Revision Nov-2015 14-
Note July-2023

Formula Revision 3

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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.

End of Safety Data Sheet

