Safety Data Sheet

Issue Date 28-Jul-2015 **Revision Date** 28-Jul-2015 **Revision Number** 6

1. IDENTIFICATION

Product identifier

Product Code F156-00WH
Product Name ENVIRO-CRETE TNEMEC WHITE

Other means of identification

Common Name SERIES 156

Recommended use of the chemical and restrictions on use

Recommended Use industrial paint.
Uses advised against Consumer use, For professional use only. Not for residential use.

Details of the supplier of the safety data sheet

Manufacturer Address
Tnemec Company, Inc. 6800 Corporate Drive, Kansas City, MO 64120-1372

Distributor
Tnemec Company, Inc. 86 Boul, des Entreprises, Ste. 203 Boisbriand, Quebec Canada J7G 2T3

Emergency telephone number

Company Phone Number Tnemec Regulatory Dept: 816-474-3400
24 Hour Emergency Phone Number 800-535-5053 (Infotrac)

2. HAZARDS IDENTIFICATION

Classification

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

Serious eye damage/eye irritation	Category 2B
Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements
Causes eye irritation
May cause an allergic skin reaction
Suspected of causing cancer
Causes damage to organs through prolonged or repeated exposure

Appearance opaque **Physical state** liquid **Odor** Slight

Precautionary Statements
Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product

Response
IF exposed or concerned: Get medical advice/attention
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 ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Storage
Store locked up
Keep away from children

Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

Other information
Causes mild skin irritation
Toxic to aquatic life with long lasting effects
Toxic to aquatic life
SEE SAFETY DATA SHEET
Acute Toxicity 46.61468054 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight-%
WATER	7732-18-5	30 - 60%
CELESTITE	-	10 - 30%
ACRYLIC COPOLYMER	M153	10 - 30%
TITANIUM DIOXIDE (TOTAL DUST)	13463-67-7	1 - 10%
ZINC COMPOUNDS	1314-13-2	1 - 10%
CALCINED KAOLIN	92704-41-1	1 - 10%
BARIUM SULFATE (TOTAL DUST)	7727-43-7	1 - 10%
GLASS OXIDE	65997-17-3	1 - 10%
MINERAL OIL MIST	-	1 - 10%

DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	124-17-4	0.1 - 1%
SOLVENT NAPHTHA	64742-88-7	0.1 - 1%
AMORPHOUS SILICA	7631-86-9	0.1 - 1%
BARIUM SULFATE (TOTAL DUST)	7727-43-7	0.1 - 1%
SODIUM HEXAMETAPHOSPHATE	68915-31-1	0.1 - 1%
ALUMINUM OXIDES	1344-28-1	0.1 - 1%
ALUMINUM HYDROXIDE	21645-51-2	0.1 - 1%
CELLULOSE	9004-62-0	0.1 - 1%
DISPERSING AGENT	C161	0.1 - 1%
PROPYLENE GLYCOL	57-55-6	0.1 - 1%
2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE	26530-20-1	0 - 0.1%
ZIRCONIUM OXIDE	1314-23-4	0 - 0.1%
AMMONIUM HYDROXIDE	1336-21-6	0 - 0.1%
CRYSTALLINE SILICA (QUARTZ)	14808-60-7	0 - 0.1%
DIPROPYLENE GLYCOL	25265-71-8	0 - 0.1%
1,2-BENZISOTHIAZOLIN-3-ONE	2634-33-5	0 - 0.1%
IONIC ACID	79-09-4	0 - 0.1%
WATER	7732-18-5	0 - 0.1%
SODIUM HYDROXIDE	1310-73-2	0 - 0.1%
NON-HAZARDOUS MATERIAL	C248	0 - 0.1%
RED PIGMENT	R291	0 - 0.1%
PROPRIETARY	R291	0 - 0.1%
PHTHALO BLUE	12239-87-1	0 - 0.1%
PROPRIETARY	-	0 - 0.1%
POLYETHYLENE GLYCOL	25322-68-3	0 - 0.1%
FATTY ACIDS	147900-93-4	0 - 0.1%
PETROLEUM DISTILLATES	64741-89-5	0 - 0.1%
PETROLEUM DISTILLATES	64741-88-4	0 - 0.1%
3-IODO-2-PROPYNYL BUTYL CARBAMATE	55406-53-6	0 - 0.1%

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

4. FIRST AID MEASURES

Description of first aid measures

General advice If symptoms persist, call a physician.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion If swallowed, do not induce vomiting. Get medical attention immediately.

Self-protection of the first aider Use personal protective equipment. Avoid contact with eyes, skin and clothing.

Most important symptoms and effects, both acute and delayed

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide. Foam. Dry chemical.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical
Thermal decomposition can lead to release of irritating gases and vapours In the event of fire and/or explosion do not breathe fumes

Hazardous combustion products Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon oxides. Hydrocarbons. Oxides of nitrogen. Sulfur oxides. Hydrogen chloride.

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 Use personal protective equipment. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Remove all sources of ignition.

Environmental Precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Remove all sources of ignition. Spills may be collected with inert, absorbent material for proper disposal. Use non-sparking tools, protective gloves, goggles and clothing, adequate ventilation, avoid the breathing of vapors and use respiratory protective devices. Transfer absorbent material to suitable containers for proper disposal.

Methods for cleaning up If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapours or spray mist. Do not ingest. Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible products Strong oxidizing agents. Alkaline. Acids. Bases. Amines. Reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines .

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	TWA: 10 mg/m³	TWA: 10 mg/m³ TWA: 15 mg/m³	5000 mg/m³
ZINC COMPOUNDS 1314-13-2	TWA: 2 mg/m³ STEL: 10 mg/m³	TWA: 5 mg/m³ TWA: 10 mg/m³ STEL: 10 mg/m³ TWA: 15 mg/m³	500 mg/m³
BARIUM SULFATE (TOTAL DUST) 7727-43-7	TWA: 5 mg/m³	TWA: 10 mg/m³ TWA: 5 mg/m³ TWA: 15 mg/m³	
GLASS OXIDE 65997-17-3	TWA: 1 fiber/cm3 TWA: 5 mg/m³	-	
AMORPHOUS SILICA 7631-86-9	-	TWA: 6 mg/m³	3000 mg/m³
BARIUM SULFATE (TOTAL DUST) 7727-43-7	TWA: 5 mg/m³	TWA: 10 mg/m³ TWA: 5 mg/m³ TWA: 15 mg/m³	
ALUMINUM OXIDES 1344-28-1	TWA: 1 mg/m³	TWA: 10 mg/m³ TWA: 5 mg/m³ TWA: 15 mg/m³	
ALUMINUM HYDROXIDE 21645-51-2	TWA: 1 mg/m³	-	
ZIRCONIUM OXIDE 1314-23-4	TWA: 5 mg/m³	-	25 mg/m³
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	TWA: 0.025 mg/m³	TWA: 0.1 mg/m³	50 mg/m³
IONIC ACID 79-09-4	TWA: 10 ppm	TWA: 10 ppm TWA: 30 mg/m³	
SODIUM HYDROXIDE 1310-73-2	Ceiling: 2 mg/m³	Ceiling: 2 mg/m³ TWA: 2 mg/m³	10 mg/m³
PHTHALO BLUE 12239-87-1	TWA: 1 mg/m³	-	100 mg/m³

Appropriate engineering controls

Engineering measures Sufficient ventilation, in volume and pattern, should be provided through both local and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure Limits (PEL) and ACGIH"s Threshold Limit Values (TLV). Appropriate ventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Use chemical resistant splash type goggles. If splashes are likely to occur, wear face-shield.

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection Use only with adequate ventilation. Do not breathe vapors, spray mist, or dust. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist or dust levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust created by cutting, sanding, or grinding.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid		
Appearance	opaque	**Odor**	Slight
Color	No information available	**Odor threshold**	No information available

Property	**Values**	**Remarks**
pH		No data available
Melting point / freezing point		No data available
Boiling point / boiling range	72 °C / 162 °F	
Flash point	No information available	Pensky Martens - Closed Cup
Evaporation rate		No data available
Flammability (solid, gas)		Not applicable
Flammability Limit in Air		No data available
Upper flammability limit	N/A	
Lower flammability limit	N/A	
Vapor pressure		No data available
Vapor density		No data available
Specific gravity	1.43252	g/cm3
Water solubility	Insoluble in cold water	
Solubility in other solvents		No data available
Partition coefficient: n-octanol/water		No data available
Autoignition temperature		No data available
Decomposition temperature		No data available
Kinematic viscosity		No data available
Dynamic viscosity	1100 centipoises	approx

Other Information

Density	11.94718 lbs/gal
Volatile organic compounds (VOC) content	0.40641 lbs/gal
Total volatiles weight percent	33.85 %
Total volatiles volume percent	48.92 %

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
Heat, flames and sparks.

Incompatible materials
Strong oxidizing agents, Alkaline, Acids, Bases, Amines, Reducing agents

Hazardous decomposition products
Carbon oxides. Hydrocarbons. Oxides of nitrogen. Sulfur oxides. Hydrogen chloride.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. May cause irritation of respiratory tract.

Eye contact Causes serious eye irritation.

Skin contact Irritating to skin. May cause sensitization by skin contact.

Ingestion Harmful if swallowed.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
WATER 7732-18-5	> 90 mL/kg (Rat)		
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	> 10000 mg/kg (Rat)		
ZINC COMPOUNDS 1314-13-2	> 5000 mg/kg (Rat)		
CALCINED KAOLIN 92704-41-1	> 2000 mg/kg (Rat)		
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE 124-17-4	= 6500 mg/kg (Rat)	= 14500 mg/kg (Rabbit)	= 72500 mg/m^3 (Rat) 4 h
SOLVENT NAPHTHA 64742-88-7	> 5000 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	> 5.28 mg/L (Rat) 4 h
AMORPHOUS SILICA 7631-86-9	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h
SODIUM HEXAMETAPHOSPHATE 68915-31-1	= 3053 mg/kg (Rat)		
ALUMINUM OXIDES 1344-28-1	> 5000 mg/kg (Rat)		
ALUMINUM HYDROXIDE 21645-51-2	> 5000 mg/kg (Rat)		
PROPYLENE GLYCOL 57-55-6	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	
2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE 26530-20-1	= 550 mg/kg (Rat)	= 690 mg/kg (Rabbit)	
AMMONIUM HYDROXIDE 1336-21-6	= 350 mg/kg (Rat)		
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	= 500 mg/kg (Rat)		
DIPROPYLENE GLYCOL 25265-71-8	= 13300 mg/kg (Rat)	> 20 mL/kg (Rabbit)	
1,2-BENZISOTHIAZOLIN-3-ONE 2634-33-5	= 1020 mg/kg (Rat)		
IONIC ACID 79-09-4	= 2600 mg/kg (Rat)	= 496 mg/kg (Rabbit)	= 4650 ppm (Rat) 8 h
WATER 7732-18-5	> 90 mL/kg (Rat)		
SODIUM HYDROXIDE 1310-73-2		= 1350 mg/kg (Rabbit)	
POLYETHYLENE GLYCOL 25322-68-3	= 28 g/kg (Rat)	> 20 mL/kg (Rabbit) > 20 g/kg (Rabbit)	
PETROLEUM DISTILLATES 64741-89-5	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
PETROLEUM DISTILLATES 64741-88-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
3-IODO-2-PROPYNYL BUTYL CARBAMATE 55406-53-6	= 1100 mg/kg (Rat)		

Information on toxicological effects

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Skin disorders.

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

Chronic Toxicity NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause cancer. Substances known to be mutagenic to man. Avoid breathing dust created by cutting, sanding, or grinding. Skin sensitizer.

Sensitization May cause sensitization of susceptible persons.

Mutagenicity May cause genetic defects.

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

Component	ACGIH	IARC	NTP	OSHA
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7		Group 2B		X
GLASS OXIDE 65997-17-3		Group 3		
AMORPHOUS SILICA 7631-86-9		Group 3		
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	A2	Group 1	Known	X
PETROLEUM DISTILLATES 64741-89-5	A2	Group 1		
PETROLEUM DISTILLATES 64741-88-4	A2	Group 1		

Reproductive effects No information available.

STOT - single exposure No information available

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure

Target organ effects Eyes, Skin, Central nervous system, liver, kidney, respiratory system.

Aspiration hazard No information available.

Acute Toxicity 46.61468054 % of the mixture consists of ingredient(s) of unknown toxicity.

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects

47.63368 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Component	Toxicity to algae	Toxicity to fish	Toxicity to daphnia
CALCINED KAOLIN 92704-41-1	100: 72 h Desmodesmus subspicatus mg/L EC50	100: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	1: 48 h Daphnia magna mg/L EC50
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE 124-17-4		77: 96 h Pimephales promelas mg/L LC50 static 50 - 70: 96 h Brachydanio rerio mg/L LC50 static	665: 48 h Daphnia magna mg/L LC50
SOLVENT NAPHTHA 64742-88-7	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static	100: 48 h Daphnia magna mg/L EC50
AMORPHOUS SILICA 7631-86-9	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static	7600: 48 h Ceriodaphnia dubia mg/L EC50
PROPYLENE GLYCOL 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51600: 96 h Oncorhynchus mykiss mg/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50
AMMONIUM HYDROXIDE 1336-21-6		8.2: 96 h Pimephales promelas mg/L LC50	0.66: 48 h Daphnia pulex mg/L EC50 0.66: 48 h water flea mg/L EC50
DIPROPYLENE GLYCOL 25265-71-8		5000: 24 h Carassius auratus mg/L LC50 static	
IONIC ACID 79-09-4	43: 96 h Desmodesmus subspicatus mg/L EC50 45.8: 72 h Desmodesmus 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	

SODIUM HYDROXIDE 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	
POLYETHYLENE GLYCOL 25322-68-3		5000: 24 h Carassius auratus mg/L LC50	
PETROLEUM DISTILLATES 64741-89-5		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
PETROLEUM DISTILLATES 64741-88-4		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
3-IODO-2-PROPYNYL BUTYL CARBAMATE 55406-53-6		0.14 - 0.32: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.18 - 0.23: 96 h Pimephales promelas mg/L LC50 flow-through 0.05 - 0.089: 96 h Oncorhynchus mykiss mg/L LC50 0.049 - 0.079: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Mobility in Environmental Media

Component	log Pow
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE 124-17-4	1.77
1,2-BENZISOTHIAZOLIN-3-ONE 2634-33-5	1.3
IONIC ACID 79-09-4	0.25
3-IODO-2-PROPYNYL BUTYL CARBAMATE 55406-53-6	2.81

Other Adverse Effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Methods It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Component	CAWAST
ZINC COMPOUNDS 1314-13-2	Toxic
BARIUM SULFATE (TOTAL DUST) 7727-43-7	Toxic
BARIUM SULFATE (TOTAL DUST) 7727-43-7	Toxic
AMMONIUM HYDROXIDE 1336-21-6	Toxic Corrosive
IONIC ACID 79-09-4	Toxic Corrosive Ignitable
SODIUM HYDROXIDE 1310-73-2	Toxic Corrosive
PHTHALO BLUE 12239-87-1	Toxic

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name paint,water base freezable Not regulated

IATA

Proper Shipping Name Not regulated

Additional information Call TNEMEC Traffic Department - 816-474-3400 for additional information or other modes of Transportation.

15. REGULATORY INFORMATION

International Inventories

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

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 Commercial Chemical Substances/EU 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

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

Component	**HAPS Data**
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	

United States of America

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 and Title 40n of the Code of Federal Regulations, Part 372:

Component	SARA 313 - Threshold Values
ZINC COMPOUNDS - 1314-13-2	1.0
BARIUM SULFATE (TOTAL DUST) - 7727-43-7	1.0
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE - 124-17-4	1.0
BARIUM SULFATE (TOTAL DUST) - 7727-43-7	1.0
ALUMINUM OXIDES - 1344-28-1	1.0
AMMONIUM HYDROXIDE - 1336-21-6	1.0
PHTHALO BLUE - 12239-87-1	1.0
3-IODO-2-PROPYNYL BUTYL CARBAMATE - 55406-53-6	1.0

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
ZINC COMPOUNDS 1314-13-2		X		
AMMONIUM HYDROXIDE 1336-21-6	1000 lb			X
IONIC ACID 79-09-4	5000 lb			X
SODIUM HYDROXIDE 1310-73-2	1000 lb			X
PHTHALO BLUE 12239-87-1		X		

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs	RQ
AMMONIUM HYDROXIDE 1336-21-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
IONIC ACID 79-09-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
SODIUM HYDROXIDE 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

United States of America

California Prop. 65

WARNING! This product contains a chemical known in the State of California to cause cancer

Component	California Prop. 65
TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7	Carcinogen
CRYSTALLINE SILICA (QUARTZ) - 14808-60-7	Carcinogen

California SCAQMD Rule 443

Does Not Contain Photochemically Reactive Solvent

State Right-to-Know

Component	New Jersey	Massachusetts	Pennsylvania
WATER 7732-18-5			X
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	X	X	X
ZINC COMPOUNDS 1314-13-2	X	X	X
BARIUM SULFATE (TOTAL DUST) 7727-43-7	X	X	X
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE 124-17-4	X		X
SOLVENT NAPHTHA 64742-88-7	X		
AMORPHOUS SILICA 7631-86-9	X	X	X
BARIUM SULFATE (TOTAL DUST) 7727-43-7	X	X	X
ALUMINUM OXIDES 1344-28-1	X	X	X
PROPYLENE GLYCOL 57-55-6	X		X
ZIRCONIUM OXIDE 1314-23-4		X	
AMMONIUM HYDROXIDE 1336-21-6	X	X	X
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	X	X	X

DIPROPYLENE GLYCOL 25265-71-8			X
IONIC ACID 79-09-4	X	X	X
WATER 7732-18-5			X
SODIUM HYDROXIDE 1310-73-2	X	X	X
PHTHALO BLUE 12239-87-1	X		X
PETROLEUM DISTILLATES 64741-89-5		X	
3-IODO-2-PROPYNYL BUTYL CARBAMATE 55406-53-6	X		

16. OTHER INFORMATION

NFPA	**Health** 3	**Flammability** 1	**Instability** 1	**Physical hazard** *
HMIS (Hazardous Material Information System)	**Health** 3*	**Flammability** 1	**Reactivity** 1	

Prepared By Tnemec Regulatory Dept: 816-474-3400
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Disclaimer

For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910.

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End of MSDS