



SHENZHEN WINGART ART SUPPLIES CO., LTD

SAFETY DATA SHEET (According to GHS fourth Revised Edition)

1) Substance Identification and Company Information

Product Name:	Glitter Glue
Version #:	Version#2
Issuing Date:	Jan. 20, 2016
CAS#	Mixtures
Supplier\Manufacturer:	SHENZHEN WINGART ART SUPPLIES CO., LTD. QIPING INDUSTRIAL PARK, GUIHUA VILLAGE, GUANLAN TOWN, SHENZHEN, GUANGDONG, P.R.C. TEL: 86 755 2752 0858 Fax: 27520878
	Emergency telephone number: Tel.: +86 755 2752 0858/ +86 2752 0848, E-Mail: Sales@wingart.com

2) Identified Hazards: as per OSHA Hazard Communication Standards 2012 (29 CFR 1910.1200)

Skin Corrosion/Irritation:	Not irritating.
Eye Irritation/Damage:	Not irritating.
Mucus Membrane Hazards:	Not irritating.
Inhalation Irritation:	Not irritating.
Carcinogenicity::	IARC: Not covered , NTP: Not covered, OSHA : Not covered
Mutagenicity::	No evidence of harmful effects from available information.
Reproduction Hazards:	No evidence of harmful effects from available information.
Emergency Overview	
Signal Word:	Not required
Pictogram by GHS/CLP:	Not required
Appearance:	Colorful.
Physical State:	Gelatinous
Odor:	Odorless
Precautionary Statements – Prevention:	None should be required
Precautionary Statements – General Advice:	None should be required
Precautionary Statements – Eyes:	None should be required
Precautionary Statements – Skin:	None should be required



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Storage:	Store in a cool ,Dry place . Keep container closed when not in use .
Disposal:	Residues and wastes are to be brought to an designated site.

3) Ingredient and Composition Information

Chemical Composition	Chemical Name	CAS Number	Weight(%)	Trade Secret
	Water	7732-18-5	75.9	
	Polyvinyl alcohol	9002-89-5	11.6	
	PET	25038-59-9	2	
	Titanium dioxide	13463-67-7	2	
	Pigment black 6	1333-86-4	2	
	Pigment Blue 15	147-14-8	2	
	Pigment Red	6535-46-2	0.1	
	Phthalocyanine Green	1328-53-6	0.2	
	Carbazole Violet	6358-30-1	0.1	
	Preservative	Bronopol 52-51-7, 9.0%	0.1	
		Kathon 55965-84-9,1.1%		
		Water 7732-18-5,89.9%		
	Glycerin	56-81-5	4	

Colors: Red; Orange;Gold;Green;Light Green;Blue;Light Blue;Purple; Mix; Silver; Rhodamine; Iridescent

4) First Aid Measures

Eye Contact:	Flush eyes with plenty of water.
Skin Contact:	Wash skin with soap and water .
Inhalation:	None should be required
Ingestion:	None should be required
Most Important Side Effect – Acute:	None
Most Important Side Effect – Delayed:	None
Special Medical Treatment Required:	Not toxic . On complaints treat symptomatically and supportively .

5) Firefighting Measures



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Suitable Extinguishing Media:	Carbon dioxide or dry chemical media
Unsuitable Extinguishing Media:	None
Specific Hazards Arising from Chemical:	No further relevant information available
Protective Equipment for Firefighters:	Use self-contained breathing apparatus when fighting fires in enclosed areas.

6) Accidental Release Measures

Personal Precautions:	Ventilate, Avoid contact with eyes.
Protective Equipment:	Do not allow to enter sewers/ surface or groundwater.
Emergency Procedures:	Major spills should be collected for disposal.
Containment Methods\Clean Up Methods:	Clean up in accordance with all applicable regulations. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

7) Handling and Storage

Handling:	Precautions for safe handling Keep receptacles tightly sealed. Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Storage:	Conditions for safe storage, including any incompatibilities • Requirements to be met by storerooms and receptacles: Store in a cool location. Store only in the original receptacle. • Information about storage in one common storage facility: Store away from foodstuffs. Store away from oxidizing agents. • Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
Incompatible Products:	No further relevant information available

8) Exposure Controls and Personal Protection

Exposure Guidelines:	This product does not contain any hazardous materials with occupational
Engineering Controls:	Eyewash stations\Ventilation systems



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Eye and Face Protection:	No special protective equipment required.
Skin and Body Protection:	No special protective equipment required.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures:	In accordance with good industrial hygiene and safety practice.

9) Physical and Chemical Properties	
Appearance:	Colorful.
Physical State:	Gelatinous
Odor:	Odorless
pH:	7
Melting Point:	Not Applicable
Boiling Point:	100°C
Flash Point:	93C+
Evaporation Rate:	Is slower than Butyl Acetate (Butyl acetate = 1)
Flammability:	Not Applicable(aqueous system)
Upper Flammability Limit:	Not Applicable(aqueous system)
Lower Flammability Limit:	Not Applicable(aqueous system)
Vapor Pressure:	Same as water
Vapor Density:(air=1)	SPECIFIC GRAVITY (H2O=1): 1.1
Relative Density:	No data available
Specific Gravity:	No data available
Water Solubility:	Dilutable
Solubility in Other Solvent:	No information available
Partition Coefficient – N-Octanol Water:	No data available
Autoignition Temperature:	Not Applicable(aqueous system)
Decomposition Temperature:	Not Applicable(aqueous system)
Viscosity:	5000~8000
Flammable Properties:	Not Applicable(aqueous system)
Explosive Properties:	Not Applicable(aqueous system)
Oxidizing Properties:	No data available



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VOC Content:	None
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10) Stability and Reactivity	
Reactivity:	No decomposition if used according to specifications
Chemical Stability:	Stable under recommended storage conditions
Possible Hazardous Reactions:	Hazardous chemical reaction does not occur
Conditions to Avoid:	Not Application
Incompatible Materials:	Not Application
Hazardous Decomposition Products:	No dangerous decomposition products known.

11) Toxicological Information				
Product Information:	Information on analogous product shows minimal toxicity concerns.			
Inhalation:	No harmful effects expected.			
Eye Contact:	No harmful effects expected.			
Skin Contact:	No harmful effects expected.			
Ingestion:	No harmful effects expected.			
Component Information:	Chemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
	No further relevant information available			
Symptoms:	Massive ingestion may cause mild gastrointestinal irritation.			

Immediate and Delayed Effects from Short Term and Long Term Exposure	
Skin Corrosion/Irritation:	No harmful effects expected.
Eye Damage/Irritation:	May cause eye irritation
Sensitization:	No evidence of harmful effects from available information.
Mutagenic Effects:	No evidence of harmful effects from available information.
Carcinogenicity:	No information available ,not listed by ACGIH, IARC,NTP,or CA Prop65.

Numerical Measures of Toxicity – Product	
LD50 Oral:	No further relevant information available
LD50 Dermal:	
LD50 Inhalation:	



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12) Ecological Information	
Eco-toxicity:	On appropriate handling and use an intended in our experience and on current information the product doesn't cause any adverse effects to the environment .
Persistence and Degradability:	No further relevant information available
Bioaccumulation:	No further relevant information available
Other Adverse Effects:	No further relevant information available

13) Disposal Considerations	
Waste Disposal Methods:	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging:	Dispose of in accordance with local regulations

14) Transport Information	
DOT:	Not restricted
TDG:	Not restricted
MEX:	Not restricted

15) Regulatory Information		
TSCA:	Complies	
DSL:	Not determined	
NDSL:	Not determined	
US Federal Regulations:	Complies	
SARA 311/312 Hazard Categories: SARA311/312 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of	Acute Health Hazard	No
	Chronic Health Hazard	No
	Fire Hazard	No



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1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.	Sudden Release of Pressure Hazard	No
	Reactive Hazard	No
Clean Water Act:	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR122.42).	
CERCLA:	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.	
California Proposition 65:	This product does not contain any Proposition 65 chemicals.	
US EPA Label Information:	No hazardous labeling is required.	

16) Other Information

DISCLAIMER OF LIABILITY :

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Prepared By:	Issued Date:	Revised Date:	Version:
Tina	Jan. 20, 2016	Jan.20, 2016	2

End of Safety Data Sheet



SHENZHEN WINGART ART SUPPLIES CO., LTD

SAFETY DATA SHEET (According to GHS fourth Revised Edition)

1) Substance Identification and Company Information

Product Name:	Acrylic Paint
Version #:	Version#1
Issuing Date:	Nov. 16, 2015
CAS#	Mixtures
Supplier\Manufacturer:	SHENZHEN WINGART ART SUPPLIES CO., LTD. QIPING INDUSTRIAL PARK, GUIHUA VILLAGE, GUANLAN TOWN, SHENZHEN, GUANGDONG, P.R.C. TEL: 86 755 2752 0858 Fax: 27520878
	Emergency telephone number: Tel.: +86 755 2752 0858/ +86 2752 0848, E-Mail: Sales@wingart.com

2) Identified Hazards: as per OSHA Hazard Communication Standards 2012 (29 CFR 1910.1200)

Skin Corrosion/Irritation:	Not irritating.
Eye Irritation/Damage:	Not irritating.
Mucus Membrane Hazards:	Not irritating.
Inhalation Irritation:	Not irritating.
Carcinogenicity::	IARC: Not covered , NTP: Not covered, OSHA : Not covered
Mutagenicity::	No evidence of harmful effects from available information.
Reproduction Hazards:	No evidence of harmful effects from available information.
Emergency Overview	
Signal Word:	Not required
Pictogram by GHS/CLP:	Not required
Appearance:	Colorful.
Physical State:	Liquid
Odor:	Odorless
Precautionary Statements – Prevention:	None should be required
Precautionary Statements – General Advice:	None should be required
Precautionary Statements – Eyes:	None should be required
Precautionary Statements – Skin:	None should be required
Storage:	Store in a cool ,Dry place . Keep container



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	closed when not in use .
Disposal:	Residues and wastes are to be brought to an designated site.

3) Ingredient and Composition Information

Chemical Composition	Chemical Name		CAS Number	Weight	Trade Secret
	Water		7732-18-5	40.1-44.64	
	Aqueous Acrylic Emulsion		25852-37-3	25	
	Propylene Glycol		57-55-6	3.2	
	Preservative (Mixed)	Bronopol	52-51-7 (9.0%)	0.1	
		Kathon	55965-84-9 (1.1%)		
		Water	7732-18-5 (89.9%)		
	Calcium Carbonate		471-34-1	26.00	
	Hydroxyethyl Cellulose		9004-62-0	0.6	
	Pigment (Mixed)		2786-76-7	0.46-5.0	
			6358-31-2		
			147-14-8		

4) First Aid Measures

Eye Contact:	Flush eyes with plenty of water.
Skin Contact:	Wash skin with soap and water .
Inhalation:	None should be required
Ingestion:	None should be required
Most Important Side Effect – Acute:	None
Most Important Side Effect – Delayed:	None
Special Medical Treatment Required:	Not toxic . On complaints treat symptomatically and supportively .



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5) Firefighting Measures	
Suitable Extinguishing Media:	Carbon dioxide or dry chemical media
Unsuitable Extinguishing Media:	None
Specific Hazards Arising from Chemical:	No further relevant information available
Protective Equipment for Firefighters:	Use self-contained breathing apparatus when fighting fires in enclosed areas.

6) Accidental Release Measures	
Personal Precautions:	Ventilate, Avoid contact with eyes.
Protective Equipment:	Do not allow to enter sewers/ surface or groundwater.
Emergency Procedures:	Major spills should be collected for disposal.
Containment Methods\Clean Up Methods:	Clean up in accordance with all applicable regulations. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

7) Handling and Storage	
Handling:	Precautions for safe handling Keep receptacles tightly sealed. Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Storage:	Conditions for safe storage, including any incompatibilities · Requirements to be met by storerooms and receptacles: Store in a cool location. Store only in the original receptacle. · Information about storage in one common storage facility: Store away from foodstuffs. Store away from oxidizing agents. · Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
Incompatible Products:	No further relevant information available



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8) Exposure Controls and Personal Protection	
Exposure Guidelines:	This product does not contain any hazardous materials with occupational
Engineering Controls:	Eyewash stations\Ventilation systems
Eye and Face Protection:	No special protective equipment required.
Skin and Body Protection:	No special protective equipment required.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures:	In accordance with good industrial hygiene and safety practice.

9) Physical and Chemical Properties	
Appearance:	Colorful.
Physical State:	Liquid
Odor:	Odorless
pH:	6.8~7.3
Melting Point:	Not Applicable
Boiling Point:	100°C
Flash Point:	Not Applicable(aqueous system)
Evaporation Rate:	Is slower than Butyl Acetate (Butyl acetate = 1)
Flammability:	Not Applicable(aqueous system)
Upper Flammability Limit:	Not Applicable(aqueous system)
Lower Flammability Limit:	Not Applicable(aqueous system)
Vapor Pressure:	Same as water
Vapor Density:(air=1)	SPECIFIC GRAVITY (H2O=1): 1.1
Relative Density:	No data available
Specific Gravity:	No data available
Water Solubility:	Dilutable
Solubility in Other Solvent:	No information available
Partition Coefficient – N-Octanol Water:	No data available
Autoignition Temperature:	Not Applicable(aqueous system)
Decomposition Temperature:	Not Applicable(aqueous system)



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Viscosity:	5000~8000
Flammable Properties:	Not Applicable(aqueous system)
Explosive Properties:	Not Applicable(aqueous system)
Oxidizing Properties:	No data available
VOC Content:	None

10) Stability and Reactivity

Reactivity:	No decomposition if used according to specifications
Chemical Stability:	Stable under recommended storage conditions
Possible Hazardous Reactions:	Hazardous chemical reaction does not occur
Conditions to Avoid:	Not Application
Incompatible Materials:	Not Application
Hazardous Decomposition Products:	No dangerous decomposition products known.

11) Toxicological Information

Product Information:	Information on analogous product shows minimal toxicity concerns.			
Inhalation:	No harmful effects expected.			
Eye Contact:	No harmful effects expected.			
Skin Contact:	No harmful effects expected.			
Ingestion:	No harmful effects expected.			
Component Information:	Chemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
	No further relevant information available			
Symptoms:	Massive ingestion may cause mild gastrointestinal irritation.			

Immediate and Delayed Effects from Short Term and Long Term Exposure

Skin Corrosion/Irritation:	No harmful effects expected.
Eye Damage/Irritation:	May cause eye irritation
Sensitization:	No evidence of harmful effects from available information.
Mutagenic Effects:	No evidence of harmful effects from available information.
Carcinogenicity:	No information available ,not listed by ACGIH, IARC,NTP,or CA Prop65.

Numerical Measures of Toxicity – Product



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LD50 Oral:	No further relevant information available
LD50 Dermal:	
LD50 Inhalation:	

12) Ecological Information

Eco-toxicity:	On appropriate handling and use an intended in our experience and on current information the product doesn't cause any adverse effects to the environment .
Persistence and Degradability:	No further relevant information available
Bioaccumulation:	No further relevant information available
Other Adverse Effects:	No further relevant information available

13) Disposal Considerations

Waste Disposal Methods:	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging:	Dispose of in accordance with local regulations

14) Transport Information

DOT:	Not restricted
TDG:	Not restricted
MEX:	Not restricted

15) Regulatory Information

TSCA:	Complies
DSL:	Not determined
NDSL:	Not determined
US Federal Regulations:	Complies



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SARA 311/312 Hazard Categories: SARA311/312 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.	Acute Health Hazard	No
	Chronic Health Hazard	No
	Fire Hazard	No
	Sudden Release of Pressure Hazard	No
	Reactive Hazard	No
Clean Water Act:	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR122.42).	
CERCLA:	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.	
California Proposition 65:	This product does not contain any Proposition 65 chemicals.	
US EPA Label Information:	No hazardous labeling is required.	

16) Other Information

DISCLAIMER OF LIABILITY :

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Prepared By:	Issued Date:	Revised Date:	Version:
Tina	Nov. 16, 2015	Nov. 16, 2015	1

End of Safety Data Sheet

SAFETY DATA SHEET

Issuing Date No data available

Revision Date 05-Feb-2015

Revision Number 1



The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publically available regulatory data sources. UL makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability in connection with the use of this information or the substance described in this SDS. The layout, appearance and format of this SDS is © 2014 UL LLC. All rights reserved.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name White Fabric Glue-Wingart

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Glue, Liquid (School)

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Horizon Group USA

Supplier Address 45 Technology Drive
Warren
NJ
07059
US

Supplier Phone Number Phone:862-216-0842
Contact Phone908-810-1111

Supplier Email cgennamore@hgusa.com

Emergency telephone number

2. HAZARDS IDENTIFICATION

Classification


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

Skin sensitization	Category 1
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GHS Label elements, including precautionary statements

Emergency Overview



Signal word	Warning
Hazard Statements May cause an allergic skin reaction	
	
Appearance White	Physical state Liquid
Odor Mild	

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

Skin

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

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Propylene Glycol	57-55-6	1 - 5	*
5-Chloro-2-methyl-3-isothiazolone	26172-55-4	0.1 - 1	*
2-Methyl-3-isothiazolone	2682-20-4	0.1 - 1	*

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

4. FIRST AID MEASURES

First aid measures

General Advice

Show this safety data sheet to the doctor in attendance.

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin contact

Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Inhalation

Remove to fresh air.

Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects

Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

May cause sensitization of susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

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

Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code

Combustible Liquid: III-B

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

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

Avoid contact with eyes.

Environmental precautions

Environmental precautions

Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

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

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid	Odor	Mild
Appearance	White	Odor Threshold	No information available
Color	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	8	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	94 C / 201 F	None known	

Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	1.05	None known
Water Solubility	Soluble (> .?%)	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol 57-55-6	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-
5-Chloro-2-methyl-3-isothiazolone 26172-55-4	= 481 mg/kg (Rat)	> 1008 mg/kg (Rat)	= 1.23 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms Itching. Rashes. Hives.

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

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity No known effect based on information supplied. Carcinogenic potential is unknown.

Target Organ Effects Skin.

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)

46,296.00 mg/kg

ATEmix (inhalation-dust/mist)

250.50 mg/l

ATEmix (inhalation-vapor)

1,500.00 ATEmix

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene Glycol 57-55-6	96h EC50: = 19000 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 51600 mg/L (Oncorhynchus mykiss) 96h LC50: 41 - 47 mL/L (Oncorhynchus mykiss) 96h LC50: = 51400 mg/L (Pimephales promelas) 96h LC50: = 710 mg/L (Pimephales promelas)	-	24h EC50: > 10000 mg/L 48h EC50: > 1000 mg/L
5-Chloro-2-methyl-3-isothiazolone 26172-55-4	72h EC50: 0.11 - 0.16 mg/L (Pseudokirchneriella subcapitata) 96h EC50: 0.03 - 0.13 mg/L (Pseudokirchneriella subcapitata) 120h EC50: = 0.31 mg/L (Anabaena flos-aquae)	96h LC50: = 1.6 mg/L (Oncorhynchus mykiss)	EC50 = 5.7 mg/L 16 h	48h EC50: = 4.71 mg/L 48h EC50: 0.12 - 0.3 mg/L 48h EC50: 0.71 - 0.99 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Log Pow
5-Chloro-2-methyl-3-isothiazolone 26172-55-4	0.75

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 281

14. TRANSPORT INFORMATION

DOT

NOT REGULATED



Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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

SARA 311/312 Hazard Categories

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.



U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Propylene Glycol 57-55-6	X		X		
(2-methoxymethylethoxy)propanol 34590-94-8	X	X	X	X	X

International Regulations**Canada****WHMIS Hazard Class**

Not determined

16. OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 1	Instability 0	Physical and Chemical Hazards - Personal Protection X
HMIS	Health Hazards 2	Flammability 1	Physical Hazard 0	

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Revision Note No information available

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