

**GHS COMPLIANT SAFETY DATA SHEET**

 TO COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR.1910.1200  
 & THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS


**SECTION 1: IDENTIFICATION**

PRODUCT NAME	Disperlac 88
MFR.'S CODE ID/SYNONYMS	Disperlac 88, SS3-43-1, SS3-43-2
CAS NUMBER	Mixture (see Section 3)
PRODUCT USE	Dispersion additive for paints and coatings
RESTRICTIONS ON USE	For industrial use only
MANUFACTURER/SUPPLIER	Estron Chemical, Inc.
ADDRESS	807 North Main Street, Calvert City, KY 42029 USA
GENERAL INFORMATION	(270) 395-4195
EMERGENCY TELEPHONE	CHEMTREC (800) 424-9300

**SECTION 2: HAZARDS IDENTIFICATION**
**Signal Word:** *Warning*
**GHS Classification**

Physical	Health	Environmental
OSHA Combustible Dust	Skin Corrosion/Irritation – Category 2	None

**GHS Label**

	
<b>Symbols:</b> Exclamation Point	
<b>Hazard Statements</b> H315: Causes skin irritation May form combustible dust concentrations in air.	<b>Precautionary Statements</b> <i>Prevention</i> P264: Wash exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. <i>Response</i> P302+352: IF ON SKIN: Wash with soap and water. P321: Specific treatment (see supplemental first aid instructions on this label) P332+313: If skin irritation occurs: Get medical advice/attention. P362+P364: Take off immediately all contaminated clothing and wash it before reuse.

HAZARDS NOT OTHERWISE CLASSIFIED: None identified.

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS	CAS #	%	CLASSIFICATION	H Codes
Polyamine amide salt	Proprietary	63 - 67	Skin Corrosion/Irritation – Category 2	H315
Silica, Amorphous, Precipitated	112926-00-8	33 - 37	OSHA Combustible Dust (when blended with polyamine amide salt)	None

(See Section 8 for Exposure Limits)

#### **SECTION 4: FIRST-AID MEASURES**

##### SYMPTOMS OF EXPOSURE

ACUTE	Skin irritation, temporary eye, nose or throat irritation.
DELAYED	Stinging, tearing, redness and swelling of the eyes. Coughing or other irritation of the respiratory tract. Dryness, redness or burning of the skin.
INHALATION	Not applicable, unless heated past the decomposition point or dust is allowed to accumulate in the air while handling. If so, remove to fresh air.
SKIN CONTACT	Causes skin irritation. Take off immediately all contaminated clothing and wash it before reuse. Wash thoroughly with soap and water. If skin irritation persists consult a doctor.
EYE CONTACT	Mildly irritating to the eyes. Wash with plenty of water for 15 minutes. Consult a physician.
INGESTION	If ingested, seek medical attention.
SPECIFIC TREATMENT	No other specific treatments are known or have been identified.

#### **SECTION 5: FIRE FIGHTING MEASURES**

FLAMMABILITY CLASSIFICATION	OSHA Combustible Dust
FLAMMABLE LIMITS	No test data available
HAZARDOUS COMBUSTION PRODUCTS	Carbon monoxide, carbon dioxide, and nitrogen oxides.
EXTINGUISHING MEDIA	Dry Chemical, Foam, CO <sub>2</sub>
UNUSUAL FIRE AND EXPLOSION HAZARDS	May represent a combustion hazard if dust from this material is allowed to accumulate in the air.
SPECIAL FIRE FIGHTING PROCEDURES	None known.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS	As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full (Bunker) protective gear.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS	Prevent contact with skin. Avoid contact with eyes and clothing.
PROTECTIVE EQUIPMENT	See Personal Protective Equipment in Section 8.
EMERGENCY PROCEDURES	Avoid unnecessary exposure to bystanders, prevent contact with open flames or other ignition sources.
ENVIRONMENTAL PRECAUTIONS	Obey relevant local, state, provincial and federal laws and regulations. Do not allow the product to enter public drainage systems or open water courses.
METHODS AND MATERIALS FOR CLEANING UP	Avoid creating excessive dust while collecting. Sweep or scoop into a suitable container for disposal.

#### **SECTION 7: HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING	Do not allow dust to concentrate in the air from handling. If necessary, use local ventilation. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges.
CONDITIONS FOR SAFE STORAGE	Store in a dry, cool area and avoid excessive heat. Keep containers tightly closed.

#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

INGREDIENTS	CAS #	%	ACGIH TLV	OSHA PEL
Polyamine amide salt	Proprietary	63 - 67	<i>None established</i>	<i>None established</i>
Silica, Amorphous, Precipitated	112926-00-8	33 - 37	10mg/m <sup>3</sup>	5 mg/m <sup>3</sup> ( <i>Respirable</i> )

APPROPRIATE ENGINEERING CONTROLS None required.

## PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE	Safety glasses or goggles.
SKIN	Impervious protective gloves and clothing as appropriate to avoid skin contact.
RESPIRATORY	An appropriate NIOSH approved respirator for Dust.
HYGIENE MEASURES	Handle in accordance with good industrial hygiene and safety practices. When using, do not eat, drink or smoke. Wash face and hands before breaks and at the end of work. Wash contaminated clothing before re-use.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Off-white powder	ODOR	Mild, sweet
ODOR THRESHOLD	No test data available	pH	No test data available
MELTING POINT	No test data available	BOILING POINT/RANGE	>200 °C
FLASH POINT	Over 237 °F (114 °C)	EVAPORATION RATE	No test data available
FLAMMABILITY	OSHA Combustible Dust		
FLAMMABLE LIMITS	LOWER No test data available	UPPER	No test data available
VAPOR PRESSURE	< 1 hPa @ 20 °C	VAPOR DENSITY	No test data available
RELATIVE DENSITY	1.22 – 1.33 @ 20 °C	SOLUBILITY IN H <sub>2</sub> O	Not readily soluble
PARTITION COEFFICIENT (n-octanol/water)	No test data available	AUTOIGNITION TEMPERATURE	> 392 °F (> 200 °C)
DECOMPOSITION TEMPERATURE	> 250 °C	VISCOSITY	No test data available
% VOLATILE	2 Maximum	SOFTENING POINT	Not applicable

## **SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY	This product does not pose a significant reactivity hazard when stored appropriately (see Section 7).
STABILITY	This product is stable when stored appropriately (see Section 7).
CONDITIONS TO AVOID	Excessive heat and open flame, material dust accumulation.
INCOMPATIBLE PRODUCTS	Strong oxidizing or reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, carbon dioxide, and nitrogen oxides.
POSSIBILITY OF HAZARDOUS REACTIONS	Will not occur

## **SECTION 11: TOXICOLOGICAL INFORMATION**

SYMPTOMS OF EXPOSURE		
ACUTE	Skin irritation, temporary eye, nose or throat irritation.	
DELAYED	Stinging, tearing, redness and swelling of the eyes. Coughing or other irritation of the respiratory tract. Dryness, redness or burning of the skin.	
ACUTE TOXICITY		
INHALATION	May be mildly irritating.	
SKIN	Causes skin irritation.	
EYES	In some cases, skin contact will cause mild, but reversible, irritation.	
INGESTION	Not likely to have harmful effects in normal exposures, may cause nausea or gastric distress if ingested in quantity.	
INHALATION TOXICITY	LC <sub>50</sub> Rat	Not established
DERMAL TOXICITY	LD <sub>50</sub> Rat	Not established
SKIN IRRITATION	Draize, Rabbit, 24 hours	Not established

EYE IRRITATION	Draize, Rabbit, 24 hours		Not established
ORAL TOXICITY	LD <sub>50</sub> Rat	Amide salt Silica	> 5,000 mg/l Not established
SENSITIZATION	Draize, Rabbit		Not established
<b>CHRONIC EFFECTS</b>			
CARCINOGENICITY			Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65
MUTAGENIC EFFECTS			None known
REPRODUCTIVE TOXICITY			None known
TARGET ORGAN EFFECTS			None known

## **SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY	Not known to be harmful to aquatic life.		
TOXICITY TO FISH	LC <sub>50</sub> Brachydanio rerio, 96 h	Polymers Silica	Not established > 10,000 mg/l
TOXICITY TO DAPHNIA	EC <sub>50</sub> Daphnia magna, 24 h	Polymers Silica	Not established > 10,000 mg/l
PERSISTENCE AND DEGRADABILITY	No data available		
BIOACCUMULATIVE POTENTIAL	No data available		
MOBILITY IN SOIL	No data available		
OTHER ADVERSE EFFECTS	None known		

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL** Dispose of in accordance with local, state and federal regulations. This product, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This product could become a hazardous waste, if chemical additions are made or if the product is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste

US EPA WASTE NUMBER & DESCRIPTION No information available

## **SECTION 14: TRANSPORT INFORMATION**

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

DOT	Not regulated	TDG	Not regulated	MEX	Not regulated
ICAO	Not regulated	IATA	Not regulated	IMDG/IMO	Not regulated
RID	Not regulated	ADR	Not regulated	ADN	Not regulated

## **SECTION 15: REGULATORY INFORMATION**

The components in this product are either listed or exempt from listing due to polymer exemption criteria for the following chemical listing inventories as indicated by an "X":

AICS	Australian Inventory of Chemical Substances	<b>X</b>
DSL	Canadian Domestic Substances List	<b>X</b>
ENCS	Japanese Existing and New Chemical Substances	<b>X</b>
IECSC	Inventory of Existing Chemical Substances in China	<b>X</b>
NZIoC	New Zealand Inventory of Chemicals	<b>X</b>
PICCS	Philippines Inventory of Chemicals and Chemical Substances	<b>X</b>

SWISS	Giftliste 1 and Inventory of Notified New Substances	X
TCSI	Taiwan Chemical Substances List	X
TSCA	US Toxic Substances Control Act	X

#### INTERNATIONAL REGULATIONS

EU REGULATION (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization, *Substances of Very High Concern*: This product does not contain any SVHC listed substances.

REACH This product is not REACH registered, and EU import volumes may be restricted.

#### FEDERAL REGULATIONS

SARA 313 This product does not contain any chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

##### SARA Section 311/312 (40 CFR 370) Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Pressure Hazard	No
Reactivity Hazard	No

CERCLA This product, 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 product.

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).

CLEAN AIR ACT This product does not contain any substances regulated as hazardous air pollutants (HAPS under Section 112 of the Clean Air Act Amendments of 1990.

OTHER FEDERAL None known

#### U.S. STATE REGULATIONS

RIGHT TO KNOW The Listing requirements of the Right to Know (RTK) legislation varies by state. All information for NJ, PA, MA and other states can be derived from the listing of hazardous and non-hazardous components in Sections 2 and 15 of this Safety Data Sheet.

CALIFORNIA PROP 65 This product may contain trace quantities of a substance known to the state of California to cause cancer.

#### **SECTION 16: OTHER INFORMATION**

DISCLAIMER This product is intended for industrial use only and should be used in accordance with the manufacturer's recommendations. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. 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 and 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. This SDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

DATE OF REVISION September 5, 2019, *replaces the May 30, 2019 version.*

REASON FOR REVISION Updated the Regulatory Listings and revised the California Prop 65 warning.

SDS PREPARED BY Glen Pearson SDS APPROVED BY Robert Auerbach