

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	Escat A-130
MFR. 'S CODE ID/SYNONYMS	Escat A-130
CAS NUMBER	Mixture (see Section 3)
PRODUCT USE	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: *Danger*

GHS Classification

Physical	Health	Environmental
OSHA Combustible Dust	Skin Corrosion/Irritation – Category 1C Eye Damage/Irritation – Category 1 Skin Sensitization - Category 1	Hazardous to the Aquatic Environment, Acute Hazard – Category 3

GHS Label

<p>Symbols: Corrosion  Exclamation Mark </p>	
<p>Hazard Statements H314: Causes severe skin burns and eye damage H317: May cause an allergic skin reaction H318: Causes serious eye damage H402: Harmful to aquatic life May form combustible dust concentrations in air.</p>	<p>Precautionary Statements</p> <p><i>Prevention</i> P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash exposed skin thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p><i>Response</i> P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+361+354: IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P316: Get emergency medical help immediately. P321: Specific treatment (see supplemental first aid instructions on this label) P333+313: If skin irritation or a rash occurs: Get medical advice/attention. P362+P364: Take off immediately all contaminated clothing and wash it before reuse.</p> <p><i>Storage</i> P405: Store locked up.</p> <p><i>Disposal</i> P501: Dispose of contents/container to an authorized hazardous waste handler.</p>

HAZARDS NOT OTHERWISE CLASSIFIED: None identified.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	%	CLASSIFICATION	H Codes
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	60 - 68	Skin Corrosion/Irritation – Category 1C Eye Damage/Irritation – Category 1 Skin Sensitization - Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Category 3	H314 H318 H317 H402
Silica, Amorphous, Precipitated	112926-00-8	32 - 40	OSHA Combustible Dust (when blended with CAS # 90-72-2)	None

(See Section 8 for Exposure Limits)

SECTION 4: FIRST-AID MEASURES

SYMPTOMS OF EXPOSURE

- ACUTE Skin burns, skin, eye, nose, or throat irritation.
- DELAYED Skin burns. Stinging, tearing, redness and swelling of the eyes. Coughing or other irritation of the respiratory tract. Dryness, redness or burning of the skin.
- INHALATION May cause irritation of of the nose, throat, and respiratory tract. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- SKIN CONTACT Causes severe skin burns. May cause an allergic skin reaction. Get emergency medical help immediately. Immediately remove all contaminated clothing and wash before re-use. If skin irritation or a rash occurs: Get medical advice/attention. Rinse skin with water/shower.
- EYE CONTACT Causes serious eye damage. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- INGESTION If ingested, call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

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, CO₂
- 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, 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 eat, drink or smoke when using this product. 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 locked up in a dry, cool area and avoid excessive heat. Store in corrosive resistant container with a resistant inner liner. Keep containers tightly closed. The product shelf life is two years from date of manufacture in an unopened container stored at 20 °C.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENTS	CAS #	%	ACGIH TLV	OSHA PEL
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	60 - 68	<i>None established</i>	<i>None established</i>
Silica, Amorphous, Precipitated	112926-00-8	32 - 40	10mg/m ³	5 mg/m ³ (<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 prevent 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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Off-white powder	ODOR	Fatty amines
ODOR THRESHOLD	No test data available	pH	No test data available
MELTING POINT	No test data available	BOILING POINT/RANGE	No test data available
FLASH POINT	300 °F (149 °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	No test data available	VAPOR DENSITY	No test data available
RELATIVE DENSITY	No test data available	SOLUBILITY IN H ₂ O	Not readily soluble
PARTITION COEFFICIENT (n-octanol/water)	No test data available	AUTOIGNITION TEMPERATURE	720 °F (382 °C)
DECOMPOSITION TEMPERATURE	> 250 °C	VISCOSITY	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. Organic acids. Mineral Acid Sodium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS Nitric acid. Ammonia Nitrogen Oxides Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon monoxide and carbon dioxide.

POSSIBILITY OF HAZARDOUS REACTIONS Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

SYMPTOMS OF EXPOSURE

ACUTE	Skin burns, skin, eye, nose, or throat irritation.
DELAYED	Skining burns. 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 irritating.		
SKIN	Causes severe skin burns. May cause an allergic skin reaction.		
EYES	Causes serious eye damage.		
INGESTION	Harmful if swallowed.		
INHALATION TOXICITY	LC ₅₀ Rat	Not established	
DERMAL TOXICITY	LD ₅₀ Rabbit	> 2000 mg/kg	
SKIN IRRITATION	Draize, Rabbit, 24 hours	Irritating.	
EYE IRRITATION	Draize, Rabbit, 24 hours	Irritating.	
ORAL TOXICITY	LD ₅₀ Rat	90-72-2 112926-00-8	2,169 mg/kg Not established
SENSITIZATION	Dermal sensitization to 2,4,6-tris(dimethylaminomethyl)phenol or component has been seen in some humans. The results of a test on guinea pigs showed this substance to be a weak skin sensitiser.		

CHRONIC EFFECTS

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	Very toxic to aquatic life with long lasting effects.		
TOXICITY TO FISH	LC ₅₀ , Cyprinus carpio 96 h	90-72-2 112926-00-8	175 mg/l > 10,000 mg/l
TOXICITY TO DAPHNIA	EC ₅₀ Daphnia magna, 48 h	90-72-2 112926-00-8	718 mg/l > 10,000 mg/l
TOXICITY TO ALGAE	EC ₅₀ Desmodesmus subspicatus, 72 h	90-72-2 112926-00-8	84 mg/l > 10,000 mg/l
PERSISTANCE AND DEGRADABILITY	90-72-2: 4 % (28 d, OECD 301 D), Not readily degradable		
BIOACCUMULATIVE POTENTIAL	90-72-2: Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible. Log Kow: -0.660 21.5 °C		
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.

U.S. DOT

Proper Shipping Name: Corrosive solids, n.o.s. (2,4,6-tris(dimethylaminomethyl)phenol absorbed onto silica)
Classification: 8
UN#: 1759
Packing Group: III
Hazard Label: Corrosive Solid

ICAO / IATA

Proper Shipping Name: Corrosive solids, n.o.s. (2,4,6-tris(dimethylaminomethyl)phenol absorbed onto silica)
Classification: 8
UN#: 1759
Packing Group: III
Hazard Label: Corrosive Solid

IMDG

Proper Shipping Name: Corrosive solids, n.o.s. (2,4,6-tris(dimethylaminomethyl)phenol absorbed onto silica)
Classification: 8
UN#: 1759
Packing Group: III
Hazard Label: Corrosive Solid

ADR/RID

Proper Shipping Name: Corrosive solids, n.o.s. (2,4,6-tris(dimethylaminomethyl)phenol absorbed onto silica)
Classification: 8
UN#: 1759
Packing Group: III
Hazard Label: Corrosive Solid

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":

AIIC	Australian Inventory of Industrial Chemicals	X
DSL	Canadian Domestic Substances List	X
ECL	Korean Existing Chemicals List	
ENCS	Japanese Existing and New Chemical Substances	X
IECSC	Inventory of Existing Chemical Substances in China	X
INSQ	National Inventory of Chemical Substances in Mexico	X
NDSL	Canadian Non-Domestic Substances List	
NZIoC	New Zealand Inventory of Chemicals	X
PICCS	Philippines Inventory of Chemicals and Chemical Substances	X
TCSI	Taiwan Chemical Substances List	X
TSCA	US Toxic Substances Control Act	X
VNECI	Vietnam National Existing Chemical Inventory	X

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.

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	October 17, 2024, <i>replaces the October 15, 2024 version.</i>
REASON FOR REVISION	Added Sensitization Hazard.
SDS PREPARED BY	Glen Pearson
SDS APPROVED BY	Robert Auerbach