

SAFETY DATA SHEET

Date Prepared : 10/09/2020

SDS No : 802

Twin Anti-Rust 121

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Twin Anti-Rust 121
GENERAL USE: Industrial rust preventative

MANUFACTURER

Twin Specialties Corporation
 1730 Walton Road Suite 207
 Blue Bell, PA 19422
Customer Service: (610) 834-7900

24 HR. EMERGENCY TELEPHONE NUMBERS

For Hazardous Materials [or Dangerous Goods] Incident
 Spill, Leak, Fire, Exposure, or Accident
 Call CHEMTREC Day or Night
 Within USA and Canada: 1-800-424-9300
 Outside USA and Canada: +1 703-527-3887 (collect calls accepted)
 CHEMTREC Customer Number (CCN) 11450

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Not classified.

Physical:

Not classified.

GHS LABEL

HAZARD STATEMENTS

H1: Not applicable.

PRECAUTIONARY STATEMENTS

General:

P10: Not applicable.

POTENTIAL HEALTH EFFECTS

EYES: May cause mild eye irritation.

SKIN: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

INGESTION: Ingestion of this product is unlikely. However, if ingested the product may cause gastrointestinal discomfort and disturbances.

INHALATION: Adverse effects due to inhalation are not expected under typical use but inhalation of oil mists or vapors generated at elevated temperatures may cause upper respiratory tract irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Distillates (petroleum), hydrotreated heavy naphthenic	70 - 100	64742-52-5
Distillates (petroleum), hydrotreated light naphthenic	5 - 10	64742-53-6
Sulfonic acids, petroleum, barium salts	1 - 5	61790-48-5

COMMENTS:

As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Keep away from spark, heat and open flames.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water fog when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon may be produced.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Absorb spill with inert material. Collect material into appropriate container for disposal. Dispose of in accordance with Federal, State and local regulations.

SPECIAL PROTECTIVE EQUIPMENT: Wear suitable protective clothing, gloves and eye/face protection. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes and skin. Wash thoroughly after handling.

STORAGE: Keep container tightly closed and in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
Distillates (petroleum), hydrotreated heavy naphthenic	OSHA PEL	TWA		5
	ACGIH TLV	TWA		5
		STEL		10
Distillates (petroleum), hydrotreated light naphthenic	OSHA PEL	TWA		5
	ACGIH TLV	TWA		5

ENGINEERING CONTROLS: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses

SKIN: Chemical resistant protective gloves

RESPIRATORY: Under normal conditions, respirator is not normally required. Where there is potential for airborne exposure due to mist or vapor above the exposure limit a NIOSH certified air purifying respirator equipped with R or P filters may be used.

WORK HYGIENIC PRACTICES: Wash hands before breaks and at the end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Petroleum

ODOR THRESHOLD: Not determined.

APPEARANCE: Liquid

COLOR: Amber

pH: NA = Not Applicable

FLASH POINT AND METHOD: > (280°F) Cleveland Open Cup

FLAMMABLE LIMITS: N/D

VAPOR PRESSURE: Nil

VAPOR DENSITY: ~ 8 Air = 1

BOILING POINT: > (375°F)

FREEZING POINT: Not determined.

THERMAL DECOMPOSITION: Not determined.

SOLUBILITY IN WATER: Water insoluble

EVAPORATION RATE: Not determined.

SPECIFIC GRAVITY: 0.92

VISCOSITY #1: ~ 130 SUS at (100°F)

10. STABILITY AND REACTIVITY

REACTIVITY: Nonreactive.

STABILITY: Stable

CONDITIONS TO AVOID: Oxidizing materials.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Distillates (petroleum), hydrotreated heavy naphthenic	> 5000 mg/kg	> 2000 mg/kg
Distillates (petroleum), hydrotreated light naphthenic	> 5000 mg/kg	> 2000 mg/kg

CARCINOGENICITY

IARC: No components listed.

NTP: No components listed.

OSHA: No components listed.

GENERAL COMMENTS: Routes of exposure: skin, inhalation and eyes.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: Contains <1.6% Barium compounds

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS	Comments
Sulfonic acids, petroleum, barium salts	1 - 5	61790-48-5	Barium compounds

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None above reporting de minimis.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All of the components in this product are either listed on or exempt from the Toxic Substance Control Act (TSCA) chemical substance inventory.

16. OTHER INFORMATION

Date Prepared: 10/09/2020

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

MANUFACTURER DISCLAIMER:

Disclaimer: The information contained herein has been compiled from sources considered to be dependable and is accurate as of the date issued. However, since data, safety standards, and governmental regulations are subject to change and the conditions of handling and use are beyond the control of International Chemical Company and/or any of its representatives, International Chemical Company makes no warranty regarding the accuracy of such information or its suitability for any purchasers and/or users for any consequence of its use. The information and data contained in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. Safe handling and use remains the responsibility of the purchaser and/or user and the purchaser and/or user has the sole responsibility to determine the suitability of the materials for any use and the manner of the use contemplated. International Chemical Company assumes no responsibility for injury to the recipient or to third persons for any damage to any property and the recipient assumes all such risks.