

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WC 7222P
DOCUMENT IDENTIFIER: 240443, 240451
APPLICABLE CODES: 10003206; 10003481; 10746
SYNONYMS: None
CHEMICAL FAMILY NAME: Amines, salt, polymer
NFPA HAZARD RATINGS(H-F-R): 1-0-0
HMIS HAZARD RATINGS(H-F-R): 1-0-0
DISTRIBUTOR: Brenntag Mid-South, Inc.
IN CASE OF EMERGENCY CALL: (270) 830-1222

MSDS PREPARED BY: Brenntag Mid-South, Inc.
Henderson, KY 42420
(270) 830-1200

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBERS	Percent
Contains no hazardous ingredients	N/AP	100

Trace impurities and additional material names not listed above may also appear in the Regulatory Information Section (Section 15) towards the end of the MSDS. These materials may be listed for local "Right to Know" compliance and for other reasons.

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! May cause eye and skin irritation.

POTENTIAL HEALTH EFFECTS:

SKIN CONTACT: Contact with the skin may cause irritation.

SKIN ABSORPTION: No data available

EYES: Contact with the eyes may cause irritation.

INGESTION: No data available

INHALATION: No data available

MEDICAL CONDITIONS AGGRAVATED:

No data available

This product does not contain any chemicals reportable under California Proposition 65.

INGREDIENT	NTP	IARC	OSHA
Contains no hazardous ingredients	N	N	N

4. FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing and shoes.
Wash exposed areas with soap and water.
Get medical attention.

EYE CONTACT: Flush eyes with water for at least 15 minutes.
Get medical attention.

INGESTION: Call a physician immediately!
Do not induce vomiting!
Give 1-2 glasses of water to dilute.
Do not give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air.
If breathing has stopped, give artificial respiration.
Call a physician if irritation persists.

NOTES TO PHYSICIAN: No data available

5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES

FLASH POINT: >212 °F

FLASH POINT: >100 °C

**FLASH POINT
METHOD:** CC

**LOWER
FLAMMABILITY** Not applicable

LIMIT:**UPPER****FLAMMABILITY** Not applicable**LIMIT:****AUTOIGNITION**
TEMPERATURE: Not applicable °F, Not applicable °C**FLAMMABILITY**
CLASSIFICATION: IIIB**EXTING. MEDIA:** Use water spray, carbon dioxide, dry chemical, or foam**FIRE FIGHTING :** Cool fire-exposed containers with water spray.**PROTECTIVE**
EQUIPMENT: Use NIOSH-approved self-contained breathing apparatus and complete protective clothing when fighting chemical fires**FIRE HAZARDS:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion
Do not distill material to dryness.**6. ACCIDENTAL RELEASE MEASURES****SMALL**
SPILLS: This product forms smooth, slippery surfaces on floors which poses an accident risk.
Contain spill and ventilate area. Absorb on inert media and containerize for disposal.**LARGE**
SPILLS: Contain spill and ventilate area. Permit only trained personnel wearing full protective equipment to enter the spill area. Collect the spill in a waste container or remove with a vacuum truck. Prevent spill from entering natural watercourses.**PROTECTIVE EQUIPMENT\ SPILL-RELEASE INSTRUCTIONS:**

Wear complete protective clothing when cleaning up chemical spills. Spills and releases may have to be reported to federal and/or local authorities. See the Regulatory Information section (section 14) regarding reporting requirements.

7. HANDLING AND STORAGE**HANDLING:** Avoid contact with skin, eyes, and clothing.
Avoid breathing product vapors and mists.
Do not take internally.
Wash thoroughly after handling this material.**STORAGE :** Keep container closed when not in use.
Do not freeze this material.
Do not store in mild steel.
Do not store material in iron, copper or aluminum containers or

equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
Good general ventilation (typically 10 air changes/hour) should be used. Ventilation rates should be matched to conditions.

PERSONAL PROTECTIVE EQUIPMENT

- SKIN:

Wear protective gloves made of neoprene or rubber.
- EYE :

Wear chemical safety goggles.
- RESPIRATORY:

Use a NIOSH-approved respirator for dusts/mists when necessary.
- OTHER:

Emergency showers, eye-wash stations, and fire blankets should be accessible. Wear protective clothing.

EXPOSURE GUIDELINES :

INGREDIENT	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
Contains no hazardous ingredients	N/EST	N/EST	N/EST	N/EST

N/EST = Not established
See 29 CFR 1910.1000 (D) (2) and ACGIH "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices" booklet (Appendix C) for the determination of exposure limits for mixtures. Consult an industrial hygenist or similar professional to confrim that the calculated exposure limits are appropriate.

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE:

Liquid
- APPEARANCE

Straw, viscous
- ODOR:

Amine or musty
- SPECIFIC GRAVITY:

1.035
- SOLUBILTY (IN WATER):

Complete

BOILING POINT (°F):	>212
BOILING POINT (°C):	>100
FREEZING POINT (°F):	27-32
FREEZING POINT (°C):	(-2)-0
MELTING POINT (°F):	27-32
MELTING POINT (°C):	(-2)-0
PRODUCT pH :	5-8
VAPOR PRESSURE:	Not established
VAPOR DENSITY:	Not available
EVAPORATION RATE:	Not available
VISCOSITY:	750 cPs
% VOLATILES:	Not available

10. STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Do not distill material to dryness.
INCOMPATIBILITY:	Strong oxidizers
DECOMPOSITION:	Toxic oxides of carbon Hydrogen chloride Oxides of nitrogen
POLYMERIZATION WILL OCCUR:	No

11. TOXICOLOGICAL INFORMATION

IMMEDIATE EFFECTS:	May cause eye and skin irritation.
CARCINOGENICITY:	No data available
MUTAGENICITY:	No data available
EPIDEMIOLOGY:	No data available
TERATOGENICITY:	No data available
REPRODUCTIVITY:	No data available
NEUROTOXICITY:	No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: BOD5 = 44,000 mg/L; COD = 250,000 mg/L, AQUATIC TOXICITY: Daphnia Magna, 49 hours LC50: 0.23 mg/l in 100 mg/l CaCO3; Fathead minnow (Pimephales promelas) 96 hour LC50: 6.51 mg/l in 180 mg/l CaCO3; 10 mg/l TOC from humic acid; Fathead minnow (Pimephales promelas) 96 hour LC50: 0.3 mg/l in 100 mg/l CaCO3; NOTE: Aquatic toxicity is reduced by factors of 10-100 times in the presence of 5-10 mg/l organic carbon as is found in most surface waters.

13. DISPOSAL CONSIDERATIONS

**RCRA
WASTE:** No

**RCRA ID
NUMBER:** Not applicable

**VOC
CONTENT
(lbs/gal):** Not available

**Waste
Disposal
Procedure:** Discharge, treatment, or disposal may be subject to Federal, State, or Local laws. State and Local regulations and restrictions are complex and may differ from Federal disposal regulation. The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA Classification and the proper disposal method.

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not D.O.T. regulated

D.O.T. HAZARD CLASS: None

DOT ID NUMBER: UN N/AP

DOT PACKING GROUP: None

DOT RQ (lbs): N/AP

OTHER: Labels required: None

MARINE POLLUTANT: No

OTHER REGULATORY INFORMATION

IMDG HAZARD CLASS: None

ICAO HAZARD CLASS: None

15. REGULATORY INFORMATION

FEDERAL REGULATIONS

TSCA (Toxic Substance Control Act): Yes

SECTION 311/312 HAZARD CLASS: Immediate (acute) health hazard

SARA TITLE III (Superfund Amendments and Reauthorization Act):

<u>INGREDIENTS</u>	<u>CAS NUMBERS</u>	<u>Section 313</u>	<u>Section 302</u>
Contains no hazardous ingredients	N/AP	N	N

WHMIS CLASSIFICATION (CANADA):

No data available

FOREIGN INVENTORY:

EINECS (European Inventory of Existing Commercial Chemical Substances)
Canadian DSL (Domestic Substances List)

STATE RIGHT TO KNOW

CALIFORNIA PROPOS 65

This product does not contain any chemicals reportable under California Proposition 65.

MASSACHUSETTS SUBSTANCE LIST: Not listed

NEW JERSEY SUBSTANCE LIST: Not listed

PENNSYLVANIA HAZARDOUS SUBSTANCE LIST: Not listed

14. OTHER INFORMATION**CREATION DATE:** 08/01/2000**REVISION DATE:** 01/22/2002**DISCLAIMER:**

The information herein is presented in good faith and is believed to be correct as of the date hereof. However, Brenntag Mid-South, Inc. makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature with respect to the product or to the information herein is made hereunder. Brenntag Mid-South, Inc. shall in no event be responsible for any damages of whatever nature directly or indirectly resulting from the publication, or use of, or reliance upon the information contained herein.

EXPLANATION OF ABBREVIATIONS:

N/EST = Not Established

N/AP = Not Applicable

N/AV = Not Available