



Material Safety Data Sheet

72257D

Revision Date: 05/27/2004
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COPOLYMER 845

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Responsible Party: International Specialty Products
1361 Alps Rd.
Wayne, N.J. 07470
U.S.A.
Telephone: (973) 628-4000

Emergency Telephone Number: CHEMTREC: 1-800-424-9300 (Spill Related Emergencies)
PROSAR: 1-800-241-7439 (Health Related Emergencies)

Prepared By: Product Stewardship

Product Id: 72257D

Product Name: COPOLYMER 845

CAS Registry Number: 30581-59-0; 7732-18-5

CAS Name: 2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone; Water

Synonyms: VP/Dimethylaminoethylmethacrylate Copolymer (INCI NAME)

Formula: (C₈H₁₅NO₂ * C₆H₉NO)_x

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components:	Weight %	ACGIH Threshold Limit Values Data - Time Weighted Average (TWA):	OSHA Specifically Regulated Substances Data - Time Weighted Average (TWA):
2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone 30581-59-0	19-21	No TLV/TWA Established	No TLV/TWA Established

Statement of Hazardous Nature: Causes mild eye irritation.

3. HAZARDS IDENTIFICATION

Emergency Overview

CAUSES MILD EYE IRRITATION.

Hazard Overview

Target Organs: Eyes

Primary Entry Routes: Eyes.

Acute Health Hazards: Causes mild eye irritation.

Chronic Health Hazards: None known

Signs and Symptoms of Overexposure

Eye Contact:	Causes mild eye irritation .
Skin Contact:	Not a hazard under normal use conditions.
Ingestion:	Not a hazard under normal use conditions.
Inhalation:	Not a hazard under normal use conditions.

4. FIRST AID MEASURES

Skin Contact:	Wash with soap and water.
Ingestion:	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	No specific treatment is necessary since material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

NFPA Rating:	HEALTH 1, FLAMMABILITY 1 , REACTIVITY 0
Flash Point (°F):	>220
Extinguishing Media:	All standard firefighting media
Unusual Fire/Explosion Hazards:	Unknown
Special Protective Equipment:	Fire fighters should wear full protective clothing, including self-contained breathing equipment.
HMIS RATING:	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures:	Use appropriate protective equipment.
Procedure for Cleaning/Absorption:	Contain spill with sand or other inert materials.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes. Wash thoroughly with soap and water after handling.
Storage:	Keep containers tightly closed when not in use. Store in a cool, dry place, out of direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Use in a well ventilated area.
Respiratory Protection:	Use in a well ventilated area.
Hand Protection:	Use gloves as a standard industrial handling procedure.
Eye Protection:	Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous liquid
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Color:	Clear
Odor:	Not determined
Odor Threshold:	Not available
pH:	6.0 - 8.0
Specific Gravity:	1.047 approx. (water=1)
Boiling Point (°F):	Not determined
Melting Point/Freezing Point(°F):	NA
Vapor Pressure:	Not determined
Solubility:	Soluble in water

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of handling, use and transportation.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None anticipated
Materials to Avoid:	Strong oxidizing agents. Strong reducing agents.

11. TOXICOLOGICAL INFORMATION

Toxicity Test:

Acute Oral LD50 (mg/kg):	>40,000 (rat)
Skin Irritation:	Minimally irritating to rabbit skin.
Eye Irritation:	Mildly irritating to rabbit eye.

12. ECOLOGICAL INFORMATION

Biodegradability:	Not determined.
Aquatic Toxicity:	Rainbow trout, 96 hr. LC50>1,000 mg/l Daphnia magna, 48 hr. EC50> 1,000 mg/l

13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method:	Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.
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14. TRANSPORT INFORMATION

Land Transportation:

DOT (Non-Bulk):	
DOT Shipping Name:	NOT REGULATED
UN/NA Number:	NONE
Hazard Class:	NONE
DOT (Bulk):	
DOT Shipping Name:	NOT REGULATED
UN/NA Number:	NONE

Air Transportation (IATA):

Proper Shipping Name: NOT REGULATED

UN Number: NONE

Hazard Classification: NONE

Sea Transportation (IMO):

Proper Shipping Name: NOT REGULATED

UN/ID Number: NONE

Hazard Classification: NONE

TDG (Canada):

Proper Shipping Name: NOT REGULATED

Hazard Class: NONE

15. REGULATORY INFORMATION

TSCA Inventory List: This product and/or its components is listed on TSCA.

**California Proposition 65
Carcinogens & Reproductive
Toxicity (CRT) List:** None of the components of this product is listed on CALPROP.

**WHMIS Ingredient Disclosure
List:** None of the components of this product is listed on WHMIS Ingredient Disclosure list.

Canada DSL Inventory List: This product and/or its components is listed on DSL.

Canada NDSL Inventory List: This product and/or its components is not listed on NDSL.

**Japan Inventory of Existing &
New Chemical Substances
(ENCS):** This product and/or its components is not listed on ENCS.

**Australia Inventory of Chemical
Substances (AICS) List:** This product and/or its components is listed on AICS.

EU EINECS List: This product and/or its components is not listed on or is exempt from EINECS.

EU ELINCS List: This product and/or its components is not listed on ELINCS.

16. OTHER INFORMATION

Prepared By: Product Stewardship

Legend: N.Av.= Not Available; N.Ap.= Not Applicable

Important Note: For purposes of this MSDS, International Specialty Products, as responsible party, provides the information herein which is intended for use by persons who have or should obtain professional knowledge and experience in the subjects discussed. ISP's industrial products are used as materials in the production of products by industrial customers. ISP usually has only limited information about the products of its customers and their composition, methods of manufacture and use. Accordingly, ISP MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS OR RELIABILITY OF INFORMATION HEREIN EXCEPT THAT SUCH INFORMATION IS, TO THE BEST OF ISP'S KNOWLEDGE AND BELIEF, ACCURATE AS OF THE DATE INDICATED. ISP recommends that customers independently test and evaluate its products and their products and processes in which ISP products are used in order to decide their safety and effectiveness.

END OF MSDS

