

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product Identifiers

Product Name: Impact - 2367

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses: Organic polymer emulsion

1.3 Details of the supplier

Supplier: Aurora Specialty Chemistries
1520 Lake Lansing Road
Lansing MI 48912

email: office@auroraspchm.com

1.4 Emergency telephone number

Chemtrec (800)424-9300

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS – US classification

Acute Tox. 5, Harmful if swallowed
Skin Irrit. 2, Causes skin Irritation
Eye Irritation 2A, Causes Serious eye Irritation

2.2 Label elements

GHS – US labeling

Hazard pictograms(GHS-US)

:



2.3 Signal Word (GHS – US)

: Warning

2.4 Hazard statements (GHS-US)

: H315 – Causes skin irritation
H319 – Causes eye irritation
H302 – Harmful if swallowed

2.5 Precautionary statements (GHS-US)

:P264 – Wash hands, forearms, and exposed areas thoroughly after handling.
P280 – Wear eye protection,
P303+P361+P353 – IF ON SKIN (or hair) : Remove /Take off all
Contaminated clothing. Rinse skin with water / shower.

2.6 Other Hazards

No information available

2.7 Unknown acute toxicity

No data available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS:

INGREDIENTS	CAS#	%	PEL/TWA
Proprietary			
Petroleum Naphtha	64742-48-9	20-30	300 ppm recommended

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove to fresh air. If breathing has stopped, give mouth-to-mouth respiration and call a physician.

Short term exposure: irritation

Long term exposure: no information is available

Skin contact: Wash thoroughly with soap and water. Call a physician if irritation persists.

Short term exposure: irritation

Long term exposure: no information is available

Eye contact: Flush with water for 15 minutes, holding lids open. Call a physician if irritation persists.

Short term exposure: irritation

Long term exposure: no information is available

Ingestion: Drink 2 glasses of water to dilute and induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.

Short term exposure: irritation

Long term exposure: no information on significant adverse effects

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5. FIREFIGHTING MEASURES

5.1 FLAMMABILITY DATA:

FLAMMABLE: 1

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

5.2 FLAMMABLE LIMITS AT NORMAL ATMOSPHERIC TEMPERATURE AND PRESSURE

(PERCENT VOLUME IN AIR):

LEL - N/A

UEL - N/A

5.3 NFPA RATINGS:

Health: 1

Flammability: 1

Reactivity: 0

HMIS RATINGS:

Health: 1

Flammability: 1

Reactivity: 0

5.4 EXTINGUISHING MEDIA: The substance is not combustible. Use extinguishing media appropriate for the surrounding fire.

5.5 FIRE AND EXPOSION HAZARDS: May produce oxides of nitrogen, carbon and hydrogen Chloride gas.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No special precautions required. In case of dealing with large spill, protective clothing, gloves and goggles are recommended.

6.2 Environmental precautions

Continued on page 3

6.3 Methods and materials for containment and cleaning up

Small spills: Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry. Do not flush with water. Use dry absorbent material like clay, cloth and mop. Collect the material in appropriate dry containers for disposal as landfill. After mopping operation, flush away traces with water to chemical sewer.

Larger spills: Dike the spilled area immediately. Collect spilled material in appropriate containers for disposal. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry. Do not flush with water. Use dry absorbent material like clay, cloth and mop the remaining spill. Collect the material in appropriate dry containers for disposal as landfill. After mopping operation, flush away traces with water to chemical sewer.

6.4 Reference of other sections

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling,

HANDLING: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation.
STORAGE: Keep in a dry, cool place (0-30° C). Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

7.2 Conditions for safe storage, including any incompatibilities

Keep separated from incompatible substances.

7.3 Specific end uses

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No occupational exposure limits established.

8.2 Exposure controls

Ventilation: Provide local exhaust ventilation system. Eye Protection: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Clothing: Wear appropriate chemical resistant clothing.

Gloves: Wear appropriate chemical resistant gloves.

Respirator: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

COLOR: Milky white to translucent.

ODOR: Non specific

BOILING POINT: Not applicable

SPECIFIC GRAVITY (WATER=1) (20°C): 1.05 ± 0.05

SOLUBILITY IN WATER @ 25°C: Soluble

STATE: Liquid

MELTING POINT: Not applicable

DECOMPOSITION TEMPERATURE: N/A

VAPOR PRESSURE @ 25°C: N/A

SOLUBILITY IN OTHER SOLVENTS @ 25°C: N/A

VOC: ~20%

SECTION 10. STABILITY AND REACTIVITY

10.1 STABILITY: Product is stable. No hazardous polymerization will occur.
Oxidizing agents may cause exothermic reactions.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of nitrogen, carbon and hydrogen Chloride gas.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 ACUTE TOXICITY:

Oral: LD50/oral/rat > 5000mg/kg

Dermal: The results of testing on rabbits showed this material to be non-toxic.

Inhalation: The product is not expected to be toxic by inhalation.

SECTION 12. ECOLOGICAL INFORMATION

12.1 AQUATIC TOXICITY:

Species: LC50 (96 Hours)

Fathead Minnow: 12.2 mg/l

LC50 (48 Hours)

Daphnia Magna: 1.9 mg/l

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

As a non-hazardous waste, it is not subject to federal regulation. Consult state or local regulation for any additional handling treatment or disposal requirements. For disposal, contact a properly licensed waste treatment, storage, disposal or recycling facility.

13.2 Additional information

No information available

SECTION 14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport:

PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Proper shipping name

UN number

Class

Packing group

Hazard identification No

Environmental hazards

Classification for SEA transport (IMO-IMDG):

PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Proper shipping name

UN Number

Class

Packing group

EmS

Continued on page 5

Classification for AIR transport (IATA/ICAO): PRODUCT IS NOT REGULATED DURING TRANSPORTATION
Proper shipping name
UN Number
Class
Packing group

Transportation classification may vary by container volume and may be influenced by regional or country variations in regulations

SECTION 15. REGULATORY INFORMATION

15.1 OSHA Classification: Hazardous by definition of Hazard Communication Standard (29 CFR 1920.1200)

CERCLA: Not applicable

SARA Regulations sections 313 and 40 CFR 372: No

SARA Hazard categories, SARA Sections 311/312 (40 CFR 370.21): Not applicable

Clean Water Act Requirements: Not applicable

TSCA: This substance or all ingredients of this product are listed on the Chemical Substances Inventory of TSCA..

Other Regulations/Legislation which apply to this product:

California Proposition 65: No

Right to know Lists: Massachusetts, New Jersey, Pennsylvania, California.

This product does not contain, nor is it manufactured with, ozone –depleting substances.

SECTION 16. OTHER INFORMATION

THIS SAFETY DATA SHEET (SDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200 (GHS). THIS PRODUCT MAY BE CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD. (REFER TO THE OSHA CLASSIFICATION SECTION I.) THIS INFORMATION IS REQUIRED TO BE DISCLOSED FOR SAFETY IN THE WORKPLACE. THE EXPOSURE TO THE COMMUNITY, IF ANY, IS QUITE DIFFERENT. THE INFORMATION IN THIS SAFETY DATA SHEET SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS, AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. AURORA SPECIALTY CHEMISTRIES BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION BUT MAKES NO WARRANTY THAT IT IS.

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