**** MATERIAL SAFETY DATA SHEET ****

95709

Acetamide, 99%  

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Acetamide, 99%
Catalog Numbers:
AC153630000, AC153630020, AC153630050, AC153631000, AC153635000

Synonyms:
Acetic acid amide
Company Identification: Acros Organics N.V.
One Reagen Lane
Fair Lawn, NJ 07410

For information in North America, call: 800-ACROS-01
For emergencies in the US, call CHEMTREC: 800-424-9300

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS# 60-35-5
Acetamide 100

Hazard Symbols: XN
Risk Phrases: 40

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Appearance: Not available.


Target Organs: None.

Potential Health Effects:

Eye: May cause eye irritation.
Skin: Causes mild skin irritation.
Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.
Inhalation: May cause respiratory tract irritation.

Chronic: Possible cancer hazard based on tests with laboratory animals. May cause cancer according to animal studies.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.
Skin: Wash skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Ingestion: If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.
Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician: Treat symptomatically and supportively.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts may be combustible when exposed to heat, flame, or oxidizing agents. Dust can be an explosion hazard when exposed to heat or flame.

Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Water or foam may cause frothing. Use water spray to cool fire-exposed containers.

Autoignition Temperature: Not available.
Flash Point: Not available.
NFPA Rating: Not available.
Explosion Limits, Lower: Not available.
Upper: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

**** SECTION 7 - HANDLING AND STORAGE ****

Handling:

Ground and bond containers when transferring material. Avoid contact with skin and eyes. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Use with adequate ventilation.

Storage:

Keep away from sources of ignition. Store in a dry area. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Exposure Limits:

Chemical Name ACGIH NIOSH OSHA - Final PELs

ACETAMIDE none listed none listed none listed

OSHA Vacated PELs:

ACETAMIDE: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin: Wear appropriate gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Solid

Appearance: Not available.

Odor: Mousy odor.

Vapor Pressure: Negligible.

Vapor Density: 2

Evaporation Rate: Not available.

Flash Point: Not available.

Decomposition Temperature: Not available.

Specific Gravity/Density: Not available.

Molecular Formula: C2H4NO

Molecular Weight: 59.06

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:

Conditions to Avoid: Ignition sources, excess heat, electrical sparks.

Incompatibilities with Other Materials:

Strong oxidizers, metals, halogenated materials.

Hazardous Decomposition Products:
Carbon monoxide, oxides of nitrogen, carbon dioxide.

Hazardous Polymers:

Not reported.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS# 60-35-5: AB4025000
LD50/IC50:
C50 60-35-5: Oral, mouse: LD50 = 12000 mg/kg; Oral, rat: LD50 = 7
### SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:**
- Not available.

**Environmental Fate:**
- Not available.

**Physical/Chemical:**
- Not available.

**Other:**
- Not available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations. 

- RCRA D-Series Maximum Concentration of Contaminants: None listed.
- RCRA D-Series Chronic Toxicity Reference Levels: None listed.
- RCRA F-Series: None listed.
- RCRA P-Series: None listed.
- RCRA U-Series: None listed.

**SECTION 14 - TRANSPORT INFORMATION**

**US DOT**
- No information available.

**IMO**
- Not regulated as a hazardous material.

**IATA**
- Not regulated as a hazardous material.

**RID/ADR**
- Not regulated as a hazardous material.

**Canadian TCI**
- No information available.

**SECTION 15 - REGULATORY INFORMATION**

**US FEDERAL**

- TSCA: CAS# 60-35-5 is listed on the TSCA inventory.
- Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.
- Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.
- Section 12b: None of the chemicals are listed under TSCA Section 12b.
- TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.
- SARA Section 302 (RQ)
- CAS# 60-35-5: final RQ - 100 pounds (45.4 kg)
- Section 302 (TPQ): None of the chemicals in this product have a TPQ.
- SARA Codes: CAS# 60-35-5: chronic.

**Section 313**
- This material contains ACETAMIDE (CAS# 60-35-5, 100%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

**Clean Air Act**
- CAS# 60-35-5 is listed as a hazardous air pollutant (HAP).
- This material does not contain any Class 1 Ozone depleters.
- This material does not contain any Class 2 Ozone depleters.

**Clean Water Act**
- None of the chemicals in this product are listed as Hazardous Substances under the CWA.
- None of the chemicals in this product are listed as Priority Pollutants under the CWA.
- None of the chemicals in this product are listed as Toxic Pollutants under the CWA.