

DATE: 08/21/96 ACCT: 888235001  
 INDEX: D62333351 CAT NO: AC150711000 PO NBR: UNG71589

## \*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

Sulfanilic Acid Cert Acs 500g  
 96542

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

MSDS Name: Sulfanilic Acid Cert Acs 500g  
 Catalog Numbers:  
 15071-0000, 15071-0010, 15071-1000, 15.071.36

Synonyms:  
 Company Identification: Acros Organics N.V.  
 Janssen Pharmaceuticaalaa 3a  
 2440 Geel, Belgium

For information in North America, call: 800-ACROS-01  
 For information in Europe, call: 0032(0) 14575211  
 For emergencies in the US, call CHEMTREC: 800-424-9300  
 For emergencies outside the US, call: 0032(0) 14575299

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

CAS#	Chemical Name	%	EINECS#
121-57-3	SULFANILIC ACID, 99%	99	unlisted

Hazard Symbols: XN  
 Risk Phrases: 20/21/22

## \*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\*

## EMERGENCY OVERVIEW

Appearance: Slightly blue to greyish coloured micro-crystallin.  
 Caution! May cause eye and skin irritation. May cause respiratory  
 and digestive tract irritation.  
 Target Organs: None.

## Potential Health Effects

Eye: May cause eye irritation.  
 Skin: May cause skin irritation.  
 Ingestion: May cause gastrointestinal irritation with nausea, vomiting and  
 diarrhea.  
 Inhalation: May cause respiratory tract irritation.  
 Chronic: Not available.

## \*\*\*\* 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  
 immediately.  
 Skin: Get medical aid if irritation develops or persists. Flush skin with  
 plenty of soap and water.  
 Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water.  
 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.  
 Notes to Physician: Treat symptomatically

## \*\*\*\* 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.  
 Extinguishing Media:  
 In case of fire, use water fog, dry chemical, carbon dioxide, or  
 regular foam.  
 Autoignition Temperature: Not available.  
 Flash Point: Not available.  
 NFPA Rating: Not published.  
 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:

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Sweep up, then place into a suitable container for disposal.

## \*\*\*\* SECTION 7 - HANDLING and STORAGE \*\*\*\*

Handling:  
 Wash thoroughly after handling. Use only in a well ventilated area.  
 Avoid contact with skin and eyes. Avoid ingestion and inhalation.  
 Storage:  
 Store in a cool, dry place.

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

Engineering Controls:  
 Use adequate general or local, explosion-proof ventilation to keep  
 airborne levels to acceptable levels.

Chemical Name	Exposure Limits		
	ACGIH	NIOSH	OSHA - Final PELs
SULFANILIC ACID, 99%	none listed	none listed	none listed

OSHA Vacated PELs:  
 SULFANILIC ACID, 99%:  
 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.  
 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  
 1010.134. Always use a NIOSH-approved respirator when  
 necessary.

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

Physical State: Solid  
 Appearance: Slightly blue to greyish coloured micro-crystallin  
 Odor: Not available.  
 pH: Not available.  
 Vapor Pressure: Not available.  
 Vapor Density: Not available.  
 Evaporation Rate: Not applicable.  
 Viscosity: Not available.  
 Boiling Point: @ 760.00mm Hg  
 Freezing/Melting Point: Not available.  
 Decomposition Temperature: Not available.  
 Solubility: 1% (20 C)  
 Specific Gravity/Density: Not available.  
 Molecular Formula: C6H7NO3S  
 Molecular Weight: 173.19

## \*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

Chemical Stability:  
 Stable under normal temperatures and pressures.  
 Conditions to Avoid:  
 Strong oxidants, very acidic or very alkaline substances.  
 Incompatibilities with Other Materials:  
 Strong oxidizers, strong acids and bases.  
 Hazardous Decomposition Products:  
 Nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide.  
 Hazardous Polymerization: Has not been reported.

## \*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*

RTECS#:  
 CAS# 121-57-3: WP3895500  
 LD50/LC50:  
 CAS# 121-57-3: Oral, rat: LD50 = 12300 mg/kg.  
 Carcinogenicity:  
 SULFANILIC ACID, 99% -  
 Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

## \*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

Ecotoxicity:  
 Not available.

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\*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\*

Dispose of in a manner consistent with federal, state, and local regulations.  
RCRA D-Series Maximum Concentration of Contaminants: Not listed.  
RCRA D-Series Chronic Toxicity Reference Levels: Not listed.  
RCRA F-Series: Not listed.  
RCRA P-Series: Not listed.  
RCRA U-Series: Not listed.  
Not listed as a material banned from land disposal according to RCRA.

\*\*\*\* 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 TDG  
No information available.

\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\*

A. Federal

TSCA  
CAS# 121-57-3 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)  
None of the chemicals in this material have an RQ.  
Section 302 (TPQ)  
None of the chemicals in this product have a TPQ.  
Section 313  
No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.  
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.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

B. State

Not present on state lists from CA, PA, MN, MA, FL, or NJ.  
California No Significant Risk Level:  
None of the chemicals in this product are listed.

C. International

Canada

CAS# 121-57-3 is listed on Canada's DSL/NDL List.  
CAS# 121-57-3 is not listed on Canada's Ingredient Disclosure List.

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Safety Phrases:

S 25 Avoid contact with eyes.  
S 28A After contact with skin, wash immediately with plenty of water.

Exposure Limits:

OEL-AUSTRALIA:TWA 400 ppm (980 mg/m3);STEL 500 ppm (1225 mg/m3). OEL-B ELGIUM:TWA 400 ppm (985 mg/m3);STEL 500 ppm (1230 mg/m3). OEL-DENMARK: TWA 200 ppm (490 mg/m3);Skin. OEL-FRANCE:STEL 400 ppm (980 mg/m3). OEL-GERMANY:TWA 400 ppm (980 mg/m3). OEL-JAPAN:STEL 400 ppm (980 mg/m3). OEL-THE NETHERLANDS:TWA 400 ppm (980 mg/m3);Skin. OEL-THE PHILIPPINES: TWA 400 ppm (980 mg/m3). OEL-RUSSIA:STEL 400 ppm (10 mg/m3). OEL-SWEDE N:TWA 150 ppm (350 mg/m2);STEL 250 ppm (600 mg/m3). OEL-SWITZERLAND:TW A 400 ppm (980 mg/m3);STEL 800 ppm. OEL-TURKEY:TWA 200 ppm (500 mg/m3). OEL-UNITED KINGDOM:TWA 400 ppm (980 mg/m3);STEL 500 ppm;Skin. OEL IN BULGARIA, COLOMBIA, JORDAN, KOREA check ACGIH TLV. OEL IN NEW ZEALAND , SINGAPORE, VIETNAM check ACGI TLV

\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\*

Additional Information:

Added NFPA codes to Section 5. Added SARA classifications to Section 15.  
Section 3, Emer Overview, added "CAUTION!."  
Section 3, Emer Overview, added "MAY CAUSE EYE AND SKIN IRRITATION...".  
Section 3, Emer Overview, added "MAY CAUSE RESPIRATORY AND DIGESTIVE...".  
Section 3, Eye Effects, added "May cause eye irritation...".  
Section 3, Skin Effects, added "May cause skin irritation...".  
Section 3, Inhalation Effects, added "May cause respiratory tract irritat...".  
Section 3, Ingestion Effects, added "May cause gastrointestinal irritati...".  
Section 4, Eye First Aid, added "Flush eyes with plenty of water for...".  
Section 4, Eye First Aid, added "Get medical aid immediately...".  
Section 4, Skin First Aid, added "Get medical aid if irritation devel...".  
Section 4, Skin First Aid, added "Flush skin with plenty of soap and...".  
Section 4, Inhalation First Aid, added "Remove from exposure to fresh air i...".  
Section 4, Inhalation First Aid, added "If not breathing, give artificial r...".  
Section 4, Inhalation First Aid, added "If breathing is difficult, give oxy...".  
Section 4, Inhalation First Aid, added "Get medical aid...".  
Section 4, Ingestion First Aid, added "If victim is conscious and alert, g...".  
Section 4, Ingestion First Aid, added "Get medical aid...".  
Section 5, Extinguishing Media, added "In case of fire, use water fog, dry...".  
Section 5, General Firefighting, added "As in any fire, wear a self-contain...".  
Section 6, Spills/Leaks, added "Sweep up, then place into a suitabl...".  
Section 7, Handling, added "Wash thoroughly after handling...".  
Section 7, Handling, added "Use only in a well ventilated area...".  
Section 7, Handling, added "Avoid ingestion and inhalation...".  
Section 7, Handling, added "Avoid contact with skin and eyes...".  
Section 7, Storage, added "Store in a cool, dry place...".  
Section 8, Engin. Controls, added "Use adequate general or local, expl...".  
Section 8, Eye Protection, added "Wear appropriate protective eyeglas...".  
Section 8, Skin Protection, added "Wear appropriate gloves to prevent...".  
Section 8, Clothing, added "Wear appropriate protective clothin...".  
Section 8, Respirators, added "Follow the OSHA respirator regulati...".  
Section 9, Physical Properties has changed.  
Section 10, Stability, added "Stable under normal temperatures an...".  
Section 10, Condit. to Avoid, added "strong oxidants...".  
Section 10, Condit. to Avoid, added "very acidic or very alkaline su bsta...".  
Section 10, Decomposition Prod., added "nitrogen oxides...".  
Section 10, Decomposition Prod., added "carbon monoxide...".  
Section 10, Decomposition Prod., added "carbon dioxide...".  
Section 10, Decomposition Prod., added "oxides of sulfur...".  
Section 10, Incompatibilities has changed.  
Section 12, Ecology Info has changed.

MSDS Creation Date: 2/01/1996 Revision Date: 5/28/1996

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