

DATE: 03/30/98
INDEX: N/A

ACCT: 742982001
CAT NO: AC106040050

PO NBR: N/A

PAGE: 1

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

n-Methylbenzylamine, 97%
97205

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****
MSDS Name: n-Methylbenzylamine, 97%
Catalog Numbers: AC106040000, AC106040050, AC106045000
Synonyms: N-Methylbenzylamine
Company Identification: Acros Organics N.V.
One Reagent Lane
Fairlawn, 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#	Chemical Name	%	EINECS#
103-67-3	N-Benzylmethylamine	97.0	203-133-4

Hazard Symbols: C
Risk Phrases: 34

**** SECTION 3 - HAZARDS IDENTIFICATION ****
EMERGENCY OVERVIEW
Appearance: Not available. Flash Point: 77 deg C.
Caution! Combustible liquid. The toxicological properties of this material have not been fully investigated. May cause irritation.
Target Organs: None.
Potential Health Effects
Eye: No information regarding eye irritation and other potential effects was found. Amines can cause eye irritation.
Skin: No information regarding skin irritation and other potential effects was found. Amines have been known to cause skin irritation and sensitization.
Ingestion: May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns.
Inhalation: May cause severe irritation of the respiratory tract with possible burns.
Chronic: No information found.

**** SECTION 4 - FIRST AID MEASURES ****
Eyes: Immediately 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. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupsful of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Inhalation: Remove from exposure to fresh air immediately. If not breathing, Get medical aid. If breathing, give oxygen.
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. Use water spray to keep fire-exposed containers cool. Combustible Liquid. Containers may explode when heated. Extinguishing Media: Use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water spray to cool fire-exposed containers.
Autoignition Temperature: 380 deg C (716.00 deg F)
Flash Point: 77 deg C (170.60 deg F)
NFPA Rating: Not published.
Explosion Limits, Lower: Not available.
Upper: Not available.

DATE: 03/30/98
INDEX: N/A

ACCT: 742982001
CAT NO: AC106040050

PO NBR: N/A

PAGE: 2

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****
General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container. Remove all sources of ignition.

**** SECTION 7 - HANDLING AND STORAGE ****
Handling: Wash thoroughly after handling. Use only in a well ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****
Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
N-Benzylmethylamine	none listed	none listed	none listed

OSHA Vacated PELs:
N-Benzylmethylamine:
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 protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134. Always use a NIOSH-approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****
Physical State: Liquid
Appearance: Not available.
Odor: None reported.
pH: Not available.
Vapor Pressure: Not available.
Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Freezing/Melting Point: 184.0 / 189.0 deg C @ 760.00mm
Decomposition Temperature: Not available.
Solubility: 65 g/l (20 c)
Specific Gravity/Density: 9390g/cm3
Molecular Formula: C8H11N
Molecular Weight: 121.18

**** SECTION 10 - STABILITY AND REACTIVITY ****
Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Materials, ignition sources, excess heat.
Incompatibilities: Incompatible with Oxidizing agents.
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen.
Hazardous Polymerization: Has not been reported.

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

DATE: 03/30/98
INDEX: N/A

ACCT: 742982001
CAT NO: AC106040050

PO NBR: N/A

PAGE: 3

RTECS#:
CAS# 103-67-3 unlisted.
LD50:
Not available.
Carcinogenicity:
N-Benzylmethylamine -
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Epidemiology:
No data available.
Teratogenicity:
No data available.
Reproductive Effects:
No data available.
Neurotoxicity:
No data available.
Mutagenicity:
No data available.
Other Studies:
No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecotoxicity:
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.
F-Series: None listed.
RCRA P-Series: None listed.
RCRA U-Series: None listed.
Not listed as a material banned from land disposal according to RCRA.

**** SECTION 14 - TRANSPORT INFORMATION ****

US DOT
IMO
No information available

Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.
Hazard Class: 8
UN Number: 2735
Packing Group: III

IATA
Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.*
Hazard Class: 8
UN Number: 2735
Packing Group: III

RID/ADR
Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.
Dangerous Goods Code: 8(53C)
UN Number: 2735
Canadian TDG
No information available.

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

US FEDERAL
TSCA
CAS# 103-67-3 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.
SARA 303
CAS# 103-67-3: flammable.
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.
Clean Water Act
This material does not contain any Class 2 Ozone depleters.
None of the chemicals in this product are listed as Hazardous Substances under the CWA.

DATE: 03/30/98
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ACCT: 742982001
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PO NBR: N/A

PAGE: 4

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.
STATE
N-Benzylmethylamine is 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.
European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: C
Risk Phrases:
R 34 Causes burns.
Safety Phrases:
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 28A After contact with skin, wash immediately with plenty of water.
WGK (Water Danger)
CAS# 103-67-3: 1
Canada
None of the chemicals in this product are listed on the DSL/NDSL list.
WHMIS: Not available
CAS# 103-67-3 is not listed on Canada's Ingredient Disclosure List.
Exposure Limits

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

MSDS Creation Date: 2/01/1996 Revision #2 Date: 1/30/1998

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the reliability of the information for their particular purposes. No liability shall be liable for any special, losses, or damages of any third party or for lost profits or damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.