

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

Dodecylamine, 98%

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

MSDS Name: Dodecylamine, 98%

Catalog Numbers:

11766-0000, 11766-0010, 11766-1000, 11766-2500, 11766-5000

Synonyms:

Laurylamine

Company Identification (Europe): Acros Organics BVBA
Janssen Pharmaceuticaaan 3a
2440 Geel, Belgium

Company Identification (USA): Acros Organics
One Reagent Lane
Fairlawn, NJ 07410

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 in Europe, call: 0032(0) 14575299

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

CAS#	Chemical Name	%
124-22-1	Dodecylamine	98%
204-690-6		

Hazard Symbols: C N

Risk Phrases: 22 35

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

EMERGENCY OVERVIEW

Harmful if swallowed. Causes severe burns. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Potential Health Effects

Eye:

Causes eye burns.

Skin:

Causes skin burns.

Ingestion:

Harmful if swallowed. Causes gastrointestinal tract burns.

Inhalation:

Causes chemical burns to the respiratory tract.

Chronic:

Not available.

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

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin:
Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:
Do not induce vomiting. Get medical aid immediately. Wash mouth out with water.

Inhalation:
Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, 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 full pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:
Use water spray, dry chemical, carbon dioxide, or chemical foam.

**** 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.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:
Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood.

Storage:
Store in a cool, dry place. Store in a tightly closed container.
Corrosives area.

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

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes: Wear chemical goggles.

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 29 CFR 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
Color: white
Odor: ammonia-like
pH: Not available.
Vapor Pressure: Not available.
Viscosity: Not available.
Boiling Point: 247 - 249 deg C @760mmHg
Freezing/Melting Point: 28 - 32 deg C
Autoignition Temperature: Not available.
Flash Point: > 112 deg C (> 233.60 deg F)
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature: >150 deg C
Solubility in water: 78mg/l (25°C)
Specific Gravity/Density: 0.800
Molecular Formula: C12H27N
Molecular Weight: 185.35

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

Chemical Stability: Stable.
Conditions to Avoid: Incompatible materials.
Incompatibilities with Other Materials: Strong oxidizing agents, strong acids.
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will not occur.

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

RTECS#:
CAS# 124-22-1: JR6475000
LD50/LC50:

CAS# 124-22-1: Draize test, rabbit, eye: 50 ug/24H Severe;
Draize test, rabbit, eye: 2 mg; Draize test, rabbit, skin: 750
ug/24H Severe; Oral, mouse: LD50 = 1160 mg/kg; Oral, rat: LD50 =
1020 mg/kg.
Carcinogenicity:
Dodecylamine -
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
See actual entry in RTECS for complete information.

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

Ecotoxicity:
Daphnia: EC50: 0,026mg/L; 48h; .Fish: Fathead Minnow: LC50:
103mg/L;
96h; .log Pow = 4.76BCF = 2400
Other
Biodegradable. Do not empty into drains.

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

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

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

IATA

Shipping Name: AMINES, SOLID, CORROSIVE, N.O.S.*
Hazard Class: 8
UN Number: 3259
Packing Group: II

IMO

Shipping Name: AMINES, SOLID, CORROSIVE, N.O.S.
Hazard Class: 8
UN Number: 3259
Packing Group: II

RID/ADR

Shipping Name: AMINES, SOLID, CORROSIVE, N.O.S.
Hazard Class: 8
UN Number: 3259
Packing group: II

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

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: C N

Risk Phrases:

R 22 Harmful if swallowed.

R 35 Causes severe burns.

R 50/53 Very toxic to aquatic organisms, may

cause

long-term adverse effects in the aquatic

environment.

Safety Phrases:

S 26 In case of contact with eyes, rinse

immediately

with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing,

gloves

and eye/face protection.
S 45 In case of accident or if you feel
unwell, seek
where
medical advice immediately (show the label
possible).
S 60 This material and its container must be
disposed of as hazardous waste.
S 61 Avoid release to the environment. Refer
to
special instructions/safety data sheets.

WGK (Water Danger/Protection)
CAS# 124-22-1: 2
United Kingdom Occupational Exposure Limits
United Kingdom Maximum Exposure Limits

Canada
CAS# 124-22-1 is listed on Canada's DSL List.
CAS# 124-22-1 is not listed on Canada's Ingredient
Disclosure List.
Exposure Limits
US FEDERAL
TSCA
CAS# 124-22-1 is listed on the TSCA inventory.

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

MSDS Creation Date: 7/16/1996 Revision #1 Date: 11/12/2003

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
suitability of the
information for their particular purposes. In no way shall the
company be
liable for any claims, losses, or damages of any third party or
for lost
profits or any special, indirect, incidental, consequential or
exemplary
damages, howsoever arising, even if the company has been advised
of
the possibility of such damages.
