

Creation Date 15-Mar-2010

Revision Date 15-Mar-2010

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Adipoyl chloride
Cat No. 173180000; 173180050; 173181000; 173185000
Synonyms Hexanedioyl dichloride.
Recommended Use Laboratory chemicals

Company Acros Organics BVBA
 Janssen Pharmaceuticaaan 3a
 2440 Geel, Belgium

Emergency Telephone Number For information in the US, call: 800-ACROS-01
 For information in Europe, call: +32 14 57 52 11

Emergency Number, Europe: +32 14 57 52 99
 Emergency Number, US: 201-796-7100

CHEMTREC Phone Number, US: 800-424-9300
 CHEMTREC Phone Number, Europe: 703-527-3887

2. HAZARDS IDENTIFICATION

The product is classified as dangerous in accordance with Directive 1999/45/EC or 67/548/EEC.

Properties Affecting Health Lachrymator (substance which increases the flow of tears)..



R -phrase(s)
 R14 - Reacts violently with water
 R29 - Contact with water liberates toxic gas
 R34 - Causes burns
 R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

3. COMPOSITION/INFORMATION ON INGREDIENTS

Haz/Non-haz

Component	Weight %	EC No.	Classification
Adipoyl chloride 111-50-2	>95	EEC No. 203-876-4	R14-29 Xn;R20/21/22 C;R34

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For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

General Advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
Ingestion	Do not induce vomiting. Call a physician or Poison Control Center immediately.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with a respiratory medical device. Immediate medical attention is required.
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Use personal protective equipment.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

CO₂, dry chemical, dry sand, alcohol-resistant foam.

Extinguishing media which must not be used for safety reasons

Water

Specific Hazards Arising from the Chemical

Reacts violently with water. Contact with water liberates toxic gas. Combustible material.

Protective Equipment and Precautions for Firefighters

Thermal decomposition can lead to release of irritating gases and vapors. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash Point	72°C / 161.6°F
Method	No information available.
Autoignition Temperature	No information available.

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Developmental Effects	No information available.
Target Organs	Skin, Respiratory system, Eyes, Gastrointestinal tract (GI).
Other Adverse Effects	The toxicological properties have not been fully investigated..

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Do not empty into drains.

Persistence and Degradability	No information available
Bioaccumulative Potential	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products	Dispose of in accordance with local regulations
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION**IMDG/IMO**

UN-No	UN2922
Hazard Class	8
Subsidiary Hazard Class	6.1
Packing Group	II
Proper Shipping Name	Corrosive liquid, toxic, n.o.s

ADR

UN-No	UN2922
Hazard Class	8
Subsidiary Class	6.1
Packing Group	II
Proper Shipping Name	Corrosive liquid, toxic, n.o.s

IATA

UN-No	UN2922
Hazard Class	8

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14. TRANSPORT INFORMATION

Subsidiary Hazard Class 6.1
Packing Group II
Proper Shipping Name Corrosive liquid, toxic, n.o.s

15. REGULATORY INFORMATION

The product is classified as dangerous in accordance with Directive 1999/45/EC or 67/548/EEC

Labelling

Symbol(s) C - Corrosive
C



R -phrase(s)

R14 - Reacts violently with water
R29 - Contact with water liberates toxic gas
R34 - Causes burns
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S -phrase(s)

S 8 - Keep container dry
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

International Inventories

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Adipoyl chloride	203-876-4	-		X	X	-	X	X	X	X	-

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2-3

R14 - Reacts violently with water
R29 - Contact with water liberates toxic gas
R34 - Causes burns
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

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16. OTHER INFORMATION

Prepared By	Regulatory Affairs
Creation Date	15-Mar-2010
Revision Date	15-Mar-2010
Revision Summary	"***", and red text indicates revision
Restrictions on use	No information available.
Training advice	No information available.
Literary reference	No information available.

Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet