

Safety Data Sheet

according to Regulation (EC) No 1907/2006

n-Amyl acetate, 250 ml

Print date: 21.04.2015

Product code: 9992057

Page 1 of 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

n-Amyl acetate, 250 ml

CAS No: 628-63-7
Index No: 607-130-00-2
EC No: 211-047-3

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Laboratory chemicals

1.3. Details of the supplier of the safety data sheet**Seller**

Company name: CONATEX-DIDACTIC Lehrmittel GmbH
Street: Im Forstgarten 1
Place: D-66459 Kirkel
Internet: www.conatex.com

Supplier

Company name: Carbolution Chemicals GmbH
Street: Im Stadtwald, Gebäude A1.2
Place: D-66123 Saarbrücken
Contact person: Dr. Michael Bauer Telephone: +49 (0)681 302-71232
e-mail: michael.bauer@carbolution-chemicals.de
Internet: www.carbolution-chemicals.de

1.4. Emergency telephone number: +49 (0)681 302-71232**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Directive 67/548/EEC or 1999/45/EC**

R phrases:
Flammable.
Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:
Flammable liquid: Flam. Liq. 3
Hazard Statements:
Flammable liquid and vapour.

2.2. Label elements

Signal word: Warning
Pictograms: GHS02

**Hazard statements**

H226 Flammable liquid and vapour.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

n-Amyl acetate, 250 ml

Print date: 21.04.2015

Product code: 9992057

Page 2 of 7

Special labelling of certain mixtures

EUH066

Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.1. Substances

Sum formula: C7H14O2

Molecular weight: 130,18

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
211-047-3	pentyl acetate	100 %
628-63-7	R10-66	
607-130-00-2	Flam. Liq. 3; H226 EUH066	

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Carbon dioxide (CO₂), Foam, Extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

n-Amyl acetate, 250 ml

Print date: 21.04.2015

Product code: 9992057

Page 3 of 7

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on storage compatibility

Do not store together with: Material, oxygen-rich, oxidizing. Pyrophoric or self-heating substances.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
628-63-7	Pentyl acetates: 1-pentyl acetate	50	270		TWA (8 h)	WEL
		100	541		STEL (15 min)	WEL

8.2. Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Eye protection: Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): DIN EN 166

Hand protection

Hand protection: Single-use gloves. Before using check leak tightness / impermeability. Use gloves only once. German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Skin protection

Body protection: Lab apron. Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protective equipment: particulates filter device (DIN EN 143).

Safety Data Sheet

according to Regulation (EC) No 1907/2006

n-Amyl acetate, 250 ml

Print date: 21.04.2015

Product code: 9992057

Page 4 of 7

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	No data available

Test method

pH-Value:	No data available
-----------	-------------------

Changes in the physical state

Melting point:	-100 °C
Initial boiling point and boiling range:	142 °C
Sublimation point:	No data available
Softening point:	No data available
Flash point:	39 °C

Flammability

Solid:	No data available
Gas:	No data available

Lower explosion limits:	1,1 vol. %
-------------------------	------------

Upper explosion limits:	7,5 vol. %
-------------------------	------------

Ignition temperature:	No data available
-----------------------	-------------------

Auto-ignition temperature

Solid:	No data available
Gas:	No data available

Vapour pressure: (at 20 °C)	5 hPa
--------------------------------	-------

Vapour pressure:	No data available
------------------	-------------------

Density (at 25 °C):	0,876 g/cm ³
---------------------	-------------------------

Water solubility:	No data available
-------------------	-------------------

Partition coefficient:	No data available
------------------------	-------------------

Viscosity / dynamic:	No data available
----------------------	-------------------

Viscosity / kinematic:	No data available
------------------------	-------------------

Flow time:	No data available
------------	-------------------

Vapour density:	4,49
-----------------	------

Evaporation rate:	No data available
-------------------	-------------------

Solvent separation test:	No data available
--------------------------	-------------------

Solvent content:	No data available
------------------	-------------------

9.2. Other information

Solid content:	No data available
----------------	-------------------

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.3. Possibility of hazardous reactions

Safety Data Sheet

according to Regulation (EC) No 1907/2006

n-Amyl acetate, 250 ml

Print date: 21.04.2015

Product code: 9992057

Page 5 of 7

No data available

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Ignition hazard. Vapours can form explosive mixtures with air.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

Toxicological data are not available.

Acute toxicity

Toxicological data are not available.

Irritation and corrosivity

No data available

Sensitising effects

No data available

Severe effects after repeated or prolonged exposure

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

Carcinogenic/mutagenic/toxic effects for reproduction

Due to missing data no statement can be made whether the substance fulfills the criteria of CMR categories 1 or 2. Practical experiences do not give any evidence for CMR activity of categories 1 or 2.

Specific effects in experiment on an animal

No data available

Additional information on tests

This mixture is classified as hazardous according to 1999/45/EC.

Practical experience**Observations relevant to classification**

No data available

SECTION 12: Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Safety Data Sheet

according to Regulation (EC) No 1907/2006

n-Amyl acetate, 250 ml

Print date: 21.04.2015

Product code: 9992057

Page 6 of 7

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

160506 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
Classified as hazardous waste.

Waste disposal number of used product

160506 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances
Classified as hazardous waste.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN 1104
14.2. UN proper shipping name:	AMYL ACETATES
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Classification code:	F1
Limited quantity:	5 L
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

Other applicable information (land transport)

E1

Inland waterways transport (ADN)

14.1. UN number:	UN 1104
14.2. UN proper shipping name:	AMYL ACETATES
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Classification code:	F1

Safety Data Sheet

according to Regulation (EC) No 1907/2006

n-Amyl acetate, 250 ml

Print date: 21.04.2015

Product code: 9992057

Page 7 of 7

Limited quantity: 5 L

Other applicable information (inland waterways transport)

E1

Marine transport (IMDG)
14.1. UN number: UN 1104

14.2. UN proper shipping name: AMYL ACETATES

14.3. Transport hazard class(es): 3

14.4. Packing group: III

Hazard label: 3

Special Provisions: -

Limited quantity: 5 L

EmS: F-E, S-D

Other applicable information (marine transport)

E1

Air transport (ICAO)
14.1. UN number: UN 1104

14.2. UN proper shipping name: AMYL ACETATES

14.3. Transport hazard class(es): 3

14.4. Packing group: III

Hazard label: 3

Limited quantity Passenger: 10 L

IATA-packing instructions - Passenger: 355

IATA-max. quantity - Passenger: 60 L

IATA-packing instructions - Cargo: 366

IATA-max. quantity - Cargo: 220 L

Other applicable information (air transport)

E1

: Y344

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information
Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

National regulatory information

Water contaminating class (D): 3 - highly water contaminating

SECTION 16: Other information

Relevant R-phrases (Number and full text)

10 Flammable.

66 Repeated exposure may cause skin dryness or cracking.

Relevant H- and EUH-phrases (Number and full text)

H226 Flammable liquid and vapour.

EUH066 Repeated exposure may cause skin dryness or cracking.