

SAFETY DATA SHEET

Extraction Fluid

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Extraction Fluid [Use with DKTo001]

1.2 Relevant identified uses of the substance or mixture and uses advised against

For research use only - Chemical analysis

1.3 Details of the supplier of the safety data sheet

Denator AB

Arvid Wallgrens backe 20

SE-413 46 Göteborg

SWEDEN

Phone +46 (0)31 412 890

inform@denator.com

www.denator.com

1.4 Emergency telephone number

+46 (0)31 412 890 (office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product is not classified hazardous according to EU Directive 1999/45/EG or EU Regulation 1272/2008.

2.2 Label elements

No hazard label.

The product is not classified hazardous according to EU Directive 1999/45/EG or EU Regulation 1272/2008.

The label on the packaging of the preparations must bear the following inscription:

"Safety data sheet available for professional user on request"

2.3 Other hazards

No known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

CAS no / EG no	Compound	Classification 67/548/EEG 1272/2008	%
64-19-7 / 200-580-7	Acetic acid	R10; C, R35 Flam. Liq. 3, H226; Skin Corr.1A, H314	≤1

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Fresh air.

Skin contact

Remove contaminated clothing.

Wash the skin with water.

Eye contact

Rinse the eyes with water for 5 minutes.

Ingestion

No action required.

4.2 Most important symptoms and effects, both acute and delayed

Could give a slight eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Low hazard.

SECTION 5: Firefighting measures

5.1 Extinguishing media

The product is not flammable.

Use suitable extinguishing media dependent on what is on fire in the vicinity.

5.2 Special hazards arising from the substance or mixture

No known.

5.3 Advice for firefighters

No particular advice.

SECTION 6: Accidental release measure

6.1 Personal precautions, protective equipment and emergency procedures

Use safety goggles if there is a risk of splashing.

6.2 Environmental precautions

No particular. The product is not classified dangerous for the environment.

6.3 Methods and material for containment and cleaning up

Sweep up with a wet cloth.

6.4 Reference to other sections

See section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wash hands after use.

Do not eat or drink when using the product.

7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature. Use Extraction Fluid within 12 months from the date of manufacture (see label).

After opening, store Extraction Fluid at + 4–8 °C and use within one month.

7.3 Specific end use(s)

For research use only - Chemical analysis.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values in Sweden (AFS 2005:7)

Acetic acid

Threshold limit value 5 ppm / 13 mg/m³

8.2 Exposure controls

Adequate ventilation.

Personal protection

Use safety goggles if there is a risk of splashing.

Access to eye wash.

Environmental exposure controls

No exposure controls necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Odour	Acetic acid
Colour	Transparent
pH (20°C)	3.0-3.2
Boiling point	100 °C
Flammability	Not flammable
Vapour pressure (20°C)	No information
Density (20°C)	1000 kg/m ³

9.2 Other information

The product is miscible with water.

SECTION 10: Stability and reactivity

10.1 Reactivity

Not liable to react during normal conditions.

10.2 Chemical stability

Stable during normal conditions.

10.3 Possibility of hazardous reactions

No known.

10.4 Conditions to avoid

No known.

10.5 Incompatible materials

No known.

10.6 Hazardous decomposition products

No known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixtures

The product has not been tested.

Likely routes of exposure – skin and eyes.

The product is not classified hazardous according to EU Directive 1999/45/EG or EU Regulation 1272/2008.

SECTION 12: Ecological information

12.1 Toxicity

The product is not tested.

12.2 Persistence and degradability

The ingredients are not classified as persistent.

12.3 Bioaccumulative potential

No bioaccumulative potential.

12.4 Mobility in soil

The product is mobile in soil.

12.5 Results of PBT and vPvB assessment

The product is not classified PBT or vPvB.

12.6 Other adverse effects

No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Discarded product is not classified as hazardous waste according to EU Directive 2008/98/EC

SECTION 14: Transport information

The product is not classified Dangerous goods according to ADR.

14.1 UN number

Not relevant.

14.2 UN proper shipping name

Not relevant.

14.3 Transport hazard class(es)

Not relevant.

14.4 Packing group

Not relevant.

14.5 Environmental hazards

Not relevant.

14.6 Special precautions for user

Not relevant.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

SECTION 15: Regulatory information

The product is not classified hazardous according to EU Directive 1999/45/EG or EU Regulation 1272/2008.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

DIRECTIVE 1999/45/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations

AFS 2005:17 - Hygieniska gränsvärden och åtgärder mot luftföroreningar – *Occupational limit values in Sweden.*

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

ADR – European Agreement Concerning the International Carriage of Dangerous goods by Road.

15.2 Chemical safety assessment

No Chemical Safety Report is available for the product.

SECTION 16: Other information

References

Data from the manufacturer

Chemical Substances – database on the Internet http://kemi.prevent.se/default_eng.asp

Explanations to hazard codes, risk phrases and hazard statements

R10	Flammable
C	Corrosive
R35	Causes severe burns
Flam. Liq. 3	Flammable liquid, Hazard category 3
H226	Flammable liquid and vapour
Skin Corr.1A	Skin corrosion/irritation, Hazard category 1A
H314	Causes severe skin burns and eye damage

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