

PAM EXTRACT KS

according to Regulation (EC) No. 453/2010
Revision date: 05/10/2012

Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Trade name : PAM EXTRACT KS

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

1.2.1. Relevant identified uses

Main use category : Product for industrial use only
Function or use category : Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

DISTRIBUTED BY



32 Haviland Street, Norwalk, CT 06854
203-299-3220 | 203-299-1355

1.4. Emergency telephone number

For chemical emergencies call:

- Chemtrec: 1-800-424-9300
- International: +1-703-527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
CITRUS GRANDIS SEED EXTRACT	(CAS No.) 90045-43-5 (EC no) 289-904-6	50	Not classified
Glycerine	(CAS No.) 56-81-5 (EC no) 200-289-5	49,9	Not classified
Potassium Sorbate	(CAS No.) 24634-61-5 (EC no) 246-376-1 (EC index no) E202	0,1	Xi; R36

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

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Take off contaminated clothing.
First-aid measures after inhalation : Assure fresh air breathing.
First-aid measures after skin contact : Wash skin with mild soap and water.
First-aid measures after eye contact : Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes.
First-aid measures after ingestion : Rinse mouth out with water.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/injuries after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : carbon dioxide (CO₂), foam, hazy water, powder.
Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

- Reactivity : Stable under normal conditions of use.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.
Other information : Avoid (reject) fire-fighting water to enter environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : To our knowledge, the product does not present any particular risk, under normal conditions of use.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing.
Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Liquid spill: take up in sand, earth, vermiculite.
Methods for cleaning up : Place in an appropriate container and dispose of the contaminated material at a licensed site.

6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Do no eat, drink or smoke when using this product. Caution : this product can cause the floor to be slippery.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in tightly closed packings.
- Storage temperature : (If possible) ≤ 18 °C
- Storage area : Store away from heat/moisture.
- Packaging materials : Always keep in containers made of the same material as the supply container.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glycerine (56-81-5)		
France	VME (mg/m ³)	10 mg/m ³

Additional information : No additional information available

8.2. Exposure controls

Personal protective equipment : Protective clothing. In case of splash hazard: safety glasses. On heating: insulated gloves.



- Eye protection : In case of splash hazard: safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : No specific measures are necessary.
- Thermal hazard protection : On heating: insulated gloves.
- Consumer exposure controls : Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : Yellow to amber.
- Odour : Aromatic weak.
- Odour threshold : No data available
- pH : 4 - 6,5
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : No data available
- Solidification point : No data available
- Boiling point : No data available
- Flash point : No data available
- Self ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : No data available
- Relative vapour density at 20 °C : No data available
- Relative density : No data available
- Density : 1,08 - 1,18
- Solubility : Soluble in water.
- Log Pow : No data available
- Log Kow : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available
- Explosive properties : No data available
- Oxidising properties : No data available

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Explosive limits : No data available

9.2. Other information

Additional information : No supplementary information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

PAM EXTRACT KS	
LD50 oral rat	> 2 ml/kg OCDE 401

Glycerine (56-81-5)	
LD50 oral rat	Environ 12600 mg/kg Considered as non toxic.
LD50 dermal rabbit	> 10000 mg/kg
ATE (oral)	12600 mg/kg
ATE (dermal)	10000 mg/kg

Potassium Sorbate (24634-61-5)	
LD50 oral rat	4920 mg/kg
LC50 inhalation rat (ppm)	> 5,15 mg/l (rat 4h) (OCDE 403)

Skin corrosion/irritation : Not classified (Not irritating rabbit (OCDE 404))

pH: 4 - 6,5

Serious eye damage/irritation : Not classified (Slightly irritating (OCDE 405))

pH: 4 - 6,5

Respiratory or skin sensitisation : Non sensitizing (OCDE 406)

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Not classified Carcinogenic (IARC)

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Glycerine (56-81-5)	
LC50 fishes 1	> 10000 mg/l 24h - Daphnia Magna
LC50 other aquatic organisms 1	> 100 mg/l
EC50 other aquatic organisms 1	> 1000 mg/l Bacteria, active mud
LC50 fishes 2	54000 mg/l 96h - Salmo gairdner, Oncorhynchus mykissl
LC50 other aquatic organisms 2	> 10000 mg/l Leuciscus idus
Additional ecotox information	ECo Pseudomonas putida: EC5>10000 mg/l/16h

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Potassium Sorbate (24634-61-5)	
LC50 fishes 1	1250 mg/l 96 h - Brachidanio rerio
EC50 Daphnia 1	750 mg/l 48 h - Daphnia magna
LC50 fishes 2	> 1000 mg/l 96h Oncorhynchus mykiss OCDE 203
Additional ecotox information	CE 50 (3h) 100 mg/l, activated sludge (OCDE 209 aquatic)

12.2. Persistence and degradability

PAM EXTRACT KS	
Persistence and degradability	Readily biodegradable.

Glycerine (56-81-5)	
Persistence and degradability	Product is biodegradable.
Chemical oxygen demand (COD)	1,16 g O ₂ /g substance (ISO 15705)
ThOD	1,217 g O ₂ /g substance
BOD (% of ThOD)	71 % ThOD
Biodegradation	> 60 % 28d

Potassium Sorbate (24634-61-5)	
Persistence and degradability	Readily biodegradable (OCDE 301 D).

12.3. Bioaccumulative potential

PAM EXTRACT KS	
Bioaccumulative potential	No additional information available.

Glycerine (56-81-5)	
Log Pow	-1,76 - 2,6

Potassium Sorbate (24634-61-5)	
Log Kow	-1,72 (20°C ; pH 6.5)
Bioaccumulative potential	No data available.

12.4. Mobility in soil

Glycerine (56-81-5)	
Surface tension	0,063 N/m @ 20°C

Potassium Sorbate (24634-61-5)	
Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Dispose in a safe manner in accordance with local/national regulations.
Waste treatment methods	: Collect all waste in suitable and labelled containers and dispose according to local legislation.
Ecology - waste materials	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

No dangerous good in sense of transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No dangerous good in sense of transport regulations.

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14.6. Special precautions for user

14.6.1. Overland transport

Not applicable

14.6.2. Transport by sea

Not applicable

14.6.3. Air transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No Annex XVII restrictions

Contains no REACH candidate substance

EURAL code : 07 06 00

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Data sources : F.D.S. Leticc.

Other information : **DISCLAIMER OF LIABILITY** The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Full text of R-, H- and EUH-phrases:

Eye Irrit. 2	Serious eye damage/eye irritation Category 2
H319	Causes serious eye irritation
R36	Irritating to eyes.
Xi	Irritant

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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