

NOVADAN®

SAFETY DATA SHEET

Kotilen-L/1 Food Grade

NOVADAN®

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 04.07.2014

1.1. Product identifier

Product name Kotilen-L/1 Food Grade

Article no. 14072

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

Product group Special release agent

Relevant identified uses
 SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
 SU4 Manufacture of food products
 PC24 Lubricants, greases, release products
 PROC10 Roller application or brushing
 PROC11 Non-industrial spraying
 ERC8A Wide dispersive indoor use of processing aids in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name Novadan ApS
 Postal address Platinvej 21
 Postcode DK-6000
 City Kolding
 Country Danmark
 Tel + 45 76 34 84 00
 Fax + 45 75 50 43 70
 E-mail sds@novadan.dk
 Website <http://www.novadan.dk>

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service:844 892 0111

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Substance / mixture hazardous properties The product is not classified. Not regarded as a health or environmental hazard under current legislation. For further information, please refer to section 11.

2.2. Label elements

2.3. Other hazards

Health effect May be slightly irritating to skin and eyes.
 See section 11 for additional information on health hazards.
 Environmental effects This product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Polyoxyethylene sorbitan fatty acid ester			> 97 %
Substance comments	-		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Remove affected person from source of contamination.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Rinse with water. Contact physician if discomfort continues.
Eye contact	Immediately rinse with water for several minutes. Make sure to remove any contact lenses from the eyes before rinsing. Contact physician if irritation persists.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
Recommended personal protective equipment for first aid responders	Wear necessary protective equipment. For personal protection, see section 8.

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

Acute symptoms and effects	As described in section 2.2 and 2.3.
Delayed symptoms and effects	No known long term effects.

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

Other Information	If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	No unusual fire or explosion hazards noted.
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5.3. Advice for firefighters

Personal protective equipment	Wear necessary protective equipment. For personal protection, see section 8.
Fire fighting procedures	Reference is made to the company fire procedure. If risk of water pollution occurs, notify appropriate authorities. Avoid breathing fire vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Avoid contact with skin and eyes. Wear necessary protective equipment. For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into water courses or onto the ground. Contact local authorities in case of spillage to aquatic environment.
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6.3. Methods and material for containment and cleaning up

Cleaning method	Absorb spillage with non-combustible, absorbent material. Dam and absorb spillages with sand, earth or other non-combustible material. Wash contaminated area with water.
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6.4. Reference to other sections

Other instructions	See section 8 and section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	No specific usage precautions noted.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Observe good chemical hygiene practices.
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7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL / PNEC

Summary of risk management measures, human	Data lacking.
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Summary of risk management measures, environment	Data lacking.
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8.2. Exposure controls

Recommended monitoring procedures	Not known.
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Limitation of exposure on workplace	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
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Respiratory protection

Respiratory protection	Under normal conditions of use respiration protection should not be required. Breathing apparatus needed only when aerosol or mist is formed. Use P2 particle filter (EN 143/EN 149).
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Hand protection

Hand protection	Under normal conditions of use gloves are not normally required.
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Eye / face protection

Eye protection	Eye protection is not required under normal conditions.
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Skin protection

Skin protection (except hands)	No special precautions.
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Thermal hazards

Thermal hazards	See section 5.
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Appropriate environmental exposure control

Environmental exposure controls	See section 6.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Odour	Characteristic.
pH (as supplied)	Value: 5,5-7,0
Bulk density	Value: 1,00-1,20 kg/l. Method of testing: DIN 51757
Solubility description	Miscible with water.
Viscosity	Value: 300-500 mPa s Test temperature: 25 °C

9.2. Other information

Other physical and chemical properties

Comments	No data recorded.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No information required.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Avoid heat.

10.6. Hazardous decomposition products

Hazardous decomposition products In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

Other toxicological data Toxicological tests on the product has not been performed.

Toxicological data for substances

Substance No data available for ingredient(s).

LD50 oral Value: - -
Animal test species: -
Duration: -
Comments: -

Other information regarding health hazards

General No information about adverse effects due to exposure.

Potential acute effects

Skin contact Skin irritation is not anticipated when used normally.

Eye contact Direct contact may irritate.

Ingestion Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The product is not expected to be hazardous to the environment.

Aquatic, comments No data recorded.

Toxicological data for substances

Substance No data available for ingredient(s).

Aquatic, comments -

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility Not regarded as dangerous for the environment. The product is miscible with water. May spread in water systems.

12.5. Results of PBT and vPvB assessment

PBT assessment results Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Environmental details, summation

For this product no classification is required for environmental hazards.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Specify the appropriate methods of disposal

Do not empty into drains; dispose of this material and its container in a safe way.
Dispose of waste and residues in accordance with local authority requirements.

Product classified as hazardous waste

No

Packaging classified as hazardous waste

No

EWC waste code

EWC: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

Other Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste code applies to product remnants in pure form.

SECTION 14: Transport information**14.1. UN number**

Comments

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

Comments

Not relevant.

14.3. Transport hazard class(es)

Comments

Not relevant.

14.4. Packing group

Comments

Not relevant.

14.5. Environmental hazards

Comments

Not relevant.

14.6. Special precautions for user

Special safety precautions for user

Not relevant.

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

Additional information.

Not relevant.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EEC-directive

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Dangerous Preparations Directive 1999/45/EC.
Dangerous Substance Directive 67/548/EEC.

Other Label Information

For professional users only.

Legislation and regulations

The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242).
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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation

(EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Information which has been added, deleted or revised	All sections of the safety data sheet is updated.
Version	1
Responsible for safety data sheet	Novadan ApS
Prepared by	MP