

**NOVADAN®**

# SAFETY DATA SHEET

## Game Antifoam 51

**NOVADAN®**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 28.03.2012

Revision date 18.01.2017

#### 1.1. Product identifier

Product name Game Antifoam 51

Article no. 12120, 12128, 12129, 12483, 41845

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

Product group Antifoam agent.

Use of the substance/preparation Antifoam agent based on silicone.

Relevant identified uses  
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)  
PC35 Washing and cleaning products (including solvent based products)  
PROC2 Use in closed, continuous process with occasional controlled exposure  
ERC4 Industrial use of processing aids in processes and products, not becoming part of articles  
ERC8A Wide dispersive indoor use of processing aids in open systems  
ERC9A Wide dispersive indoor use of substances in closed 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 Link to national poison centers:  
[http://echa.europa.eu/help/nationalhelp\\_contact\\_en.asp](http://echa.europa.eu/help/nationalhelp_contact_en.asp)

### SECTION 2: Hazards identification

#### 2.1. Classification of substance or mixture

Substance / mixture hazardous The product is not classified.

properties

## 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 comments

The product contains no substances subject to disclosure requirements.

## 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.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards

This product is not flammable. During fire, gases hazardous to health may be formed.

### 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 eyes.

### 6.2. Environmental precautions

Environmental precautionary measures

Avoid discharge into water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment.

### 6.3. Methods and material for containment and cleaning up

Cleaning method

Smaller quantities of residue may be collected by an absorbent. Flush area

clean with lots of water. Be aware of potential for surfaces to become slippery.

#### 6.4. Reference to other sections

Other instructions

See section 8 and section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling

No specific usage precautions noted.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage

Store in tightly closed original container. Do not freeze.

#### Conditions for safe storage

Storage Temperature

**Value:** 0-30 °C

Storage Stability

Durability: 12 months.

#### 7.3. Specific end use(s)

Specific use(s)

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Other Information about threshold limit values

No data recorded.

#### DNEL / PNEC

Summary of risk management measures, human

Data lacking.

Summary of risk management measures, environment

Data lacking.

#### 8.2. Exposure controls

Recommended monitoring procedures

Not known.

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.

#### Respiratory protection

Respiratory protection

Under normal conditions of use respiration protection should not be required.

#### Hand protection

Hand protection

Under normal conditions of use gloves are not normally required.

#### Eye / face protection

Eye protection

Eye protection is not required under normal conditions.

#### Thermal hazards

Thermal hazards

None specific.

#### Appropriate environmental exposure control

Environmental exposure controls

See section 6.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state

Fluid.

Colour

White.

Odour

No characteristic odour.

pH (as supplied)

**Value:** ~ 7,0

Comments, Melting point / melting range	Not relevant.
Comments, Boiling point / boiling range	Not relevant.
Comments, Flash point	Not relevant.
Comments, Evaporation rate	Not relevant.
Flammability (solid, gas)	Not relevant.
Comments, Explosion limit	Not relevant.
Comments, Vapour pressure	Not relevant.
Comments, Vapour density	Not relevant.
Bulk density	<b>Value:</b> 1,0 kg/l
Solubility description	Completely soluble in water.
Comments, Partition coefficient: n-octanol / water	Not relevant.
Comments, Spontaneous combustability	Not relevant.
Comments, Decomposition temperature	Not relevant.
Viscosity	<b>Value:</b> < 100 mPas.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

## 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.
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### 10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No information required.
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid frost.
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### 10.5. Incompatible materials

Materials to avoid	No information required.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	In case of fire, toxic gases (CO, CO <sub>2</sub> , NO <sub>x</sub> ) may be formed.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological Information:

Other toxicological data	Toxicological tests on the product has not been performed.
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#### Other information regarding health hazards

General	No information about adverse effects due to exposure.
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#### Acute toxicity, Mixture estimate

Assessment of acute toxicity classification	No evidence for acute toxicity.
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#### Potential acute effects

Inhalation	No known chronic or acute health risks.
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.
Aspiration hazard	No evidence for aspiration hazard.

### Delayed effects / repeated exposure

Sensitisation	No evidence for respiratory nor skin sensitization.
STOT-single exposure	No evidence for STOT-single exposure.
STOT-repeated exposure	No evidence for STOT-repeated exposure.

### Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	No evidence for carcinogenicity.
Mutagenicity	No evidence for germ cell mutagenicity.
Reproductive toxicity	No evidence for reproductive toxicity.

### Symptoms of Exposure

Symptoms of overexposure	No specific symptoms noted.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	The product is not expected to be hazardous to the environment.
Aquatic, comments	No data available for the product.

### 12.2. Persistence and degradability

Persistence and degradability	The product is expected to be biodegradable.
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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### 12.4. Mobility in soil

Mobility	The product is miscible with water. May spread in water systems.
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### 12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
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### 12.6. Other adverse effects

Environmental details, summation	For this product no classification is required for environmental hazards.
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## 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).
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**14.2. UN proper shipping name**

Comments	Not relevant.
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**14.3. Transport hazard class(es)**

Comments	Not relevant.
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**14.4. Packing group**

Comments	Not relevant.
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**14.5. Environmental hazards**

Comments	Not relevant.
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**14.6. Special precautions for user**

Special safety precautions for user	Not relevant.
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**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code****Additional information.**

Additional information.	Not relevant.
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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other Label Information	For professional users only.
Legislation and regulations	<p>The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242).</p> <p>EH40/2005, Workplace exposure limits 2005, with amendments.</p> <p>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.</p> <p>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.</p> <p>The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).</p>

**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	Change to Sections: 1, 16
Version	6
Responsible for safety data sheet	Novadan ApS
Prepared by	ALM