

Safety data sheet

Revision: 17-03-2014
Replaces: 11-05-2010
Version: 02.00/EU_UK

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

1.1. Product identifier

Trade name: 16136 Degreasing Spray

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

Recommended uses: Multi Purpose cleaner

1.3. Details of the supplier of the safety data sheet

Distributor: ActionSportGames A/S
Bakkegårdsvej 304
3050 Humlebæk
Denmark
Tel: +45 89281888
Fax: +45 49193160
Email: kk@actionsportgames.com

1.4. Emergency telephone number

+45 89281888

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD-classification (Directive 1999/45/EC): F+a;R12A Xi;R38 N;R50/53 Repr. Cat. 3;R62 ;R67

CLP-classification (Regulation (EC) No 1272/2008): Repr. 2;H361f STOT RE 2; H373 STOT SE 3; H336 Skin Irrit. 2; H315 Aquatic Chronic 1; H410 Aerosol 1; H222 Aerosol 1; H229

Please see section 16 for the full text of R-phrases and H-phrases.

Most serious harmful effects: Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. Causes skin irritation. Very toxic to aquatic life with long lasting effects. Extremely flammable aerosol. Pressurised container: May burst if heated.
Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

2.2. Label elements



Signal word:

Danger

Contains:

n-hexane; Octane

H-phrases:

Suspected of damaging fertility.(H361f)
May cause damage to organs through prolonged or repeated exposure.(H373)

May cause drowsiness or dizziness.(H336)
 Causes skin irritation.(H315)
 Very toxic to aquatic life with long lasting effects.(H410)
 Extremely flammable aerosol.(H222)
 Pressurised container: May burst if heated.(H229)

P-phrases: If medical advice is needed, have product container or label at hand.(P101)
 Keep out of reach of children.(P102)
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.(P210)
 Do not spray on an open flame or other ignition source.(P211)
 Do not pierce or burn, even after use.(P251)
 Use only outdoors or in a well-ventilated area.(P271)
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.(P410/412)
 Dispose of contents/container in accordance with local regulation.(P501-A)

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Registration number | CAS/ EC No. | Substance | DSD-classification (Directive 67/548/EEC)/ CLP-classification (Regulation (EC) No 1272/2008) | w/w% | Note |
|---------------------|-------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------|------|
| . | 110-54-3 | n-hexane | F;R11 Repr. Cat. 3;R62 Xn;R48/20-65 Xi;R38 R67 N;R51/53 | 30-50 | 3 |
| . | 203-777-6 | . | Flam. Liq. 2;H225 Repr. 2;H361f Asp. Tox. 1;H304 STOT RE 2;H373 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411 | . | . |
| . | . | . | . | . | . |
| . | 106-97-8 | Butane (containing < 0,1 % butadiene | Fx;R12 | 30-50 | . |
| . | 203-448-7 | (203-450-8)) | Flam. Gas 1;H220 Press. Gas liq. gas;H280 R10 N;R50/53 | . | . |
| . | 111-84-2-A | Nonane | Flam. Liq. 2;H225 Aquatic Acute;H400 Aquatic Chronic 1;H410 | 10-20 | . |
| . | 203-913-4 | . | . | . | . |
| . | 74-98-6 | Propane | Fx;R12 | 10-20 | . |
| . | 200-827-9 | . | Flam. Gas 1;H220 Press. Gas liq. gas;H280 F;R11 Xn;R65 Xi;R38 R67 N;R50/53 | . | . |
| . | 111-65-9 | Octane | Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Acute 1;H400 | 10-20 | . |
| . | 203-892-1 | . | . | . | . |
| . | . | . | Aquatic Chronic 1;H410 | . | . |

3) H304 is not applicable due to use as aerosols.

Please see section 16 for the full text of R-phrases and H-phrases.

Other information: Any letters after the CAS number refer to individual data sets.
 Pursuant to Regulation (EC) No. 648/2004 on detergents:

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

Skin: Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

Eyes: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Burns: Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

Other information: When obtaining medical advice, show the safety data sheet or label.

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

The product contains n-hexane, which is a suspected reproductive hazard. Inhalation of spray mist may cause irritation to the upper airways. Irritating to skin – may cause reddening. Inhalation of spray mist may cause chemical pneumonia. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Heating will cause a rise in pressure in packaging with a risk of bursting. CAUTION! Aerosol containers may explode.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Provide adequate ventilation. Smoking and naked flames prohibited. In case of insufficient ventilation, wear respiratory protective equipment. Wear gloves. Wear safety goggles.

For emergency responders: In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Wipe up drops and splashes with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions, preferably outdoors. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Smoking and naked flames prohibited.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

| Ingredient: | Exposure limit | Notation |
|-------------|------------------------------------------------------------|----------|
| n-hexane | 20 (8h), - (15m) ppm 75 (8h), - (15m) mg/m ³ | - |

Legal basis: Commission Directive 2000/39/EC. Last amended by Commission Directive 2009/161/EU.

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear gloves. Type of material: Nitrile rubber. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment. Filter type: A. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Colourless

Odour: Characteristic

Odour threshold: No data

pH (solution for use): No data

pH (concentrate): No data

Melting point/freezing point: No data

Initial boiling point and boiling range: 149-213 °C

Flash point: -41 °C

Evaporation rate: No data

Flammability (solid, gas): Flammability: 200 °C

Upper/lower flammability limits: No data

Upper/lower explosive limits: No data

Vapour pressure: No data

Vapour density: No data

Relative density: No data

Solubility: No data

Partition coefficient n-octanol/water: No data

Auto-ignition temperature: No data

Decomposition temperature: No data

Viscosity: No data

Explosive properties: No data

Oxidising properties: No data

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources. Avoid direct sunlight. Avoid temperatures > 50 °C.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity - oral: | Spray mist in mouth may irritate mucous membranes in mouth and throat. The product does not have to be classified. Test data are not available. |
| Acute toxicity - dermal: | The product does not have to be classified. Test data are not available. |
| Acute toxicity - inhalation: | The product does not have to be classified. Test data are not available. |
| Skin corrosion/irritation: | Irritating to skin – may cause reddening. |
| Serious eye damage/eye irritation: | May cause eye irritation. The product does not have to be classified. Test data are not available. |
| Respiratory sensitisation or skin sensitisation: | The product does not have to be classified. Test data are not available. |
| Germ cell mutagenicity: | The product does not have to be classified. Test data are not available. |
| Carcinogenic properties: | The product does not have to be classified. Test data are not available. |
| Reproductive toxicity: | Suspected of damaging fertility. |
| Single STOT exposure: | Inhalation of vapours may cause irritation to the upper airways. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. |
| Repeated STOT exposure: | Prolonged or repeated inhalation of vapours may cause damage to the central nervous system. |
| Aspiration hazard: | Inhalation of spray mist may cause chemical pneumonia. |
| Other toxicological effects: | None known. |

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

The product contains at least one substance that is water soluble. May spread in the environment.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment.

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility with the specifications set out below.

Aerosol sprays:

EWC code: 16 05 04 Gases in pressure containers containing dangerous substances.

Wiping cloths with organic solvents:

EWC code: 15 02 02 Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

SECTION 14: Transport information

ADR/RID

| | |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 14.1. UN number | 1950 |
| 14.2. UN proper shipping name | AEROSOLS |
| 14.3. Transport hazard class(es) | 2.1 |
| 14.4. Packing group | - |
| Hazard identification number | - |
| Tunnel restriction code: | D |
| 14.5. Environmental hazards | The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l. |

ADN

| | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 14.1. UN number | 1950 |
| 14.2. UN proper shipping name | AEROSOLS |
| 14.3. Transport hazard class(es) | 2.1 |
| 14.4. Packing group | - |
| 14.5. Environmental hazards | The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l. |
| Environmental hazard in tank vessels: | - |

IMDG

| | |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| 14.1. UN number | 1950 |
| 14.2. UN proper shipping name | AEROSOLS |
| 14.3. Transport hazard class(es) | 2.1 |
| 14.4. Packing group | - |
| 14.5. Environmental hazards | The product must be labelled as a Marine Pollutant (MP) in packaging sizes of more than 5 kg/l. |
| IMDG Code segregation group: | - |

ICAO/IATA

| | |
|----------------------------------|----------------------------------------------------------------------------------------|
| 14.1. UN number | 1950 |
| 14.2. UN proper shipping name | AEROSOLS, FLAMMABLE |
| 14.3. Transport hazard class(es) | 2.1 |
| 14.4. Packing group | - |
| 14.5. Environmental hazards | The product should not be labelled as an environmental hazard (symbol: fish and tree). |

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

Covered by: Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

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

Special provisions: Directive 2012/18/EU (Seveso), P3a FLAMMABLE AEROSOLS: Column 2: 150 (net) t, Column 3: 500 (net) t.

Directive 2012/18/EU (Seveso), E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1: Column 2: 100 t, Column 3: 200 t.

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Changes have been made in the following sections: 1-16

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Classification method: Calculation based on the hazards of the known components.

R-phrases: R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R12A Extremely flammable.
R38 Irritating to skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62 Possible risk of impaired fertility.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

H-phrases: H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure, may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361f Suspected of damaging fertility.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Training: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

