

## SAFETY DATA SHEET BIJLARD SPUITLIJM 0044

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

### 1.1. Product identifier

Product name BIJLARD SPUITLIJM 0044

Product number F4592

Synonyms; trade names BIJLARD 0044 AEROSOL BASE

UFI: 5W6A-YWMM-UJ5W-5VXG

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

**Identified uses** Adhesive.

Uses advised against Applications involving the use of naked flames and static discharges Non-industrial, non-

professional uses.

## 1.3. Details of the supplier of the safety data sheet

Supplier Bijlard International

Platinastraat 141 2718 SR Zoetermeer The Netherlands +31 79 343 7538 +31 79 343 7539 info@bijlard.com

## 1.4. Emergency telephone number

**Emergency telephone** 00441619983226 Monday - Friday (8.15am-4.45pm)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

## Classification (EC 1272/2008)

Physical hazards Flam. Liq. 2 - H225

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Aquatic Chronic 2 - H411

#### 2.2. Label elements

### Hazard pictograms







Signal word

Danger

Hazard statements H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

P314 Get medical advice/ attention if you feel unwell.

Contains Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane, acetone, PENTANE,

BUTANONE

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## Content

## 3.2. Mixtures

# Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n- 40-50%

hexane

CAS number: — EC number: 921-024-6 REACH registration number: 01-

2119475514-35

#### Classification

Flam. Liq. 2 - H225

Skin Irrit. 2 - H315

STOT SE 3 - H336

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

ACETONE

CAS number: 67-64-1

EC number: 200-662-2

REACH registration number: 01-2119471330-49-XXXX

Classification

Flam. Liq. 2 - H225

Eye Irrit. 2 - H319

STOT SE 3 - H336

PENTANE 5-7%

CAS number: 109-66-0 EC number: 203-692-4 REACH registration number: 01-

2119459286-30-XXXX

Classification

Flam. Liq. 2 - H225 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

BUTANONE 1-3%

CAS number: 78-93-3 EC number: 201-159-0 REACH registration number: 01-

2119457290-43-XXXX

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

Resin acids and Rosin acids, potassium salts

CAS number: 61790-50-9 EC number: 263-142-4 REACH registration number: 01-

2119486885-17-XXXX

Classification

Eye Irrit. 2 - H319

ISOPENTANE <1.0%

CAS number: 78-78-4 EC number: 201-142-8

Classification

Flam. Liq. 2 - H225 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

Phenol, 4-methyl-, reaction products with dicyclopentadiene

<1.0%

and isobutylene

CAS number: 68610-51-5 EC number: 271-867-2 REACH registration number: 01-

2119496062-39-XXXX

Classification

Repr. 2 - H361d

Aquatic Chronic 4 - H413

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

General information Remove affected person from source of contamination. Remove contaminated soaked

clothing immediately and dispose of safely

**Inhalation** Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion** Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse

mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any

discomfort continues.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash

skin thoroughly with soap and water.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15

minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort

continues.

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

**General information** Chemical burns must be treated by a physician. Get medical attention immediately.

**Inhalation** Vapours may cause headache, fatigue, dizziness and nausea.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Prolonged contact may cause redness, irritation and dry skin.

**Eye contact** May cause temporary eye irritation.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media Carbon dioxide (CO2). Alcohol-resistant foam. Powder.

Unsuitable extinguishing

Do not use water jet as an extinguisher, as this will spread the fire.

media

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

Specific hazards The product is highly flammable. Protection against nuisance dust must be used when the

airborne concentration exceeds 10 mg/m3.

Hazardous combustion

products

When heated, vapours/gases hazardous to health may be formed.

#### 5.3. Advice for firefighters

Protective actions during

firefighting

Move containers from fire area if it can be done without risk. Cool containers exposed to heat

with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment

for firefighters

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear positive-pressure self-contained breathing apparatus (SCBA)

and appropriate protective clothing.

#### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes.

Take precautionary measures against static discharges.

## 6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the

Environmental Agency or other appropriate regulatory body. Do not discharge into drains or

watercourses or onto the ground. Avoid discharge to the aquatic environment.

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

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area

with plenty of water.

#### 6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. Collect and

dispose of spillage as indicated in Section 13.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Usage precautions Avoid spilling. Keep away from heat, sparks and open flame. Static electricity and formation of

sparks must be prevented. Provide adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or

ingredients.

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

Storage precautions Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight. Store

in tightly-closed, original container in a dry, cool and well-ventilated place. Store in tightly-

closed, original container.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

## 8.1. Control parameters

#### Occupational exposure limits

#### **ACETONE**

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

## **PENTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1800 mg/m³

Short-term exposure limit (15-minute): WEL

#### **BUTANONE**

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 600 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 899 mg/m3(Sk)

#### **ISOPENTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1800 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Long-term exposure limit (8-hour TWA): OEL = Occupational Exposure Limit 500 ppm 2085 mg/m³ WEL = Workplace Exposure Limit.

Ingredient comments

WEL = Workplace Exposure Limits

### Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane

**DNEL** Consumer - Oral; Long term systemic effects: 699 mg/kg/day

Industry - Oral; Long term systemic effects: 2035 mg/kg/day Consumer - Dermal; Long term systemic effects: 699 mg/kg/day Industry - Dermal; Long term systemic effects: 773 mg/kg/day Consumer - Inhalation; Long term systemic effects: 608 mg/m³

## **ACETONE (CAS: 67-64-1)**

**DNEL** Industry - Dermal; Long term : 186 mg/kg/day

Industry - Inhalation; Short term: 2420 mg/m³ Industry - Inhalation; Long term: 1210 mg/m³ Consumer - Oral; Long term: 62 mg/kg/day Consumer - Dermal; Long term: 62 mg/kg/day Consumer - Inhalation; Long term: 200 mg/m³

PNEC - Fresh water; 10.6 mg/l

marine water; 1.06 mg/l
Intermittent release; 21 mg/l
Sediment (Freshwater); 30.4 mg/kg
Sediment (Marinewater); 3.04 mg/kg

STP; 100 mg/lSoil; 29.5 mg/kg

## PENTANE (CAS: 109-66-0)

**DNEL** Consumer - Oral; Long term : 214 mg/kg/day

Consumer - Dermal; Long term : 214 mg/kg/day Industry - Dermal; Long term : 432 mg/kg/day Consumer - Inhalation; Long term : 643 mg/m³ Industry - Inhalation; Long term : 3000 mg/m³

PNEC No PNEC data available

## YT 321 - Ecotack 3201 (CAS: 8050-26-8)

**DNEL** Workers - Dermal; Long term systemic effects: 25 mg/kg

Workers - Inhalation; Long term systemic effects: 176.32 mg/m³ General population - Oral; Long term systemic effects: 15 mg/kg General population - Dermal; Long term systemic effects: 15 mg/kg

General population - Inhalation; Long term systemic effects: 51.174 mg/m³

PNEC Fresh water; 1 mg/l

STP; 2 mg/l Soil; 144.6 mg/kg marine water; 0.1 mg/l

Sediment (Freshwater); 726.0 mg/kg Sediment (Marinewater); 72.6 mg/kg

## **BUTANONE (CAS: 78-93-3)**

DNEL Industry - Inhalation; Short term local effects: 600 mg/kg/day

Industry - Dermal; : 1161 mg/kg/day Consumer - Dermal; : 412 mg/kg/day Consumer - Inhalation; : 106 mg/m³

Consumer - Dermal; Long term systemic effects: 31 mg/kg

PNEC - Fresh water; 55.8 mg/l

- Sediment (Marinewater); 284.74 mg/kg

Soil; 22.5 mg/kg
 marine water; 55.8 mg/l
 Intermittent release; 55.8 mg/l
 Sediment (Freshwater); 284.7 mg/kg

STP; 709 mg/l

- Food. Secondary poisoning; 1000 mg/kg

## Resin acids and Rosin acids, potassium salts (CAS: 61790-50-9)

**DNEL** Workers - Inhalation; Long term local effects: 10 mg/m³

Workers - Dermal; Long term systemic effects: 2.131 mg/kg/day

Consumer - Dermal; systemic effects: 1.065 mg/kg

Consumer - Oral; Long term systemic effects: 1.065 mg/kg/day

PNEC Fresh water; 0.002 mg/l

Sediment (Freshwater); 0.016 mg/l

marine water; 0.0002 mg/l

STP; 1000 mg/l

Sediment (Freshwater); 0.007 mg/kg Sediment (Marinewater); 0.0007 mg/kg

Soil; 0.00045 mg/kg

### Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene (CAS: 68610-51-5)

**DNEL** Workers - Inhalation; Long term systemic effects: 0.35 mg/m³

Workers - Dermal; Long term systemic effects: 4 mg/kg/day Workers - Oral; Long term systemic effects: 0.8 mg/kg/day

PNEC - Fresh water; 0.01 mg/l

- marine water; 0.002 mg/l

Sediment (Freshwater); 426.6 mg/kgSediment (Marinewater); 85.25 mg/kg

- STP; 100 mg/l

-;

#### Hydrocarbons, C6 isoalkanes <5% n-hexane

**DNEL** Consumer - Oral; Long term systemic effects: 1301 mg/kg/day

Consumer - Dermal; Long term systemic effects: 1377 mg/kg/day Industry - Dermal; Long term systemic effects: 13964 mg/kg/day Consumer - Inhalation; Long term systemic effects: 1131 mg/m³ Industry - Inhalation; Long term systemic effects: 5306 mg/m³

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

**DNEL** Industry - Dermal; Long term : 300 mg/kg/day

Industry - Inhalation; Long term : 2085 mg/m³ Consumer - Dermal; Long term : 149 mg/kg/day Consumer - Inhalation; Long term : 447 mg/m³

PNEC No PNEC data available

#### 8.2. Exposure controls

### Protective equipment







Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. Dust may form explosive mixture with air. Take

precautionary measures against static discharges.

**Eye/face protection** The following protection should be worn: Chemical splash goggles.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if

a risk assessment indicates skin contact is possible.

Other skin and body

protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Provide

eyewash station. Provide eyewash station and safety shower. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin. Wash promptly if skin

becomes contaminated. Change work clothing daily before leaving workplace.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory

protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Wear

a respirator fitted with the following cartridge: Combination filter, type A2/P3.

#### SECTION 9: Physical and chemical properties

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

Appearance Liquid.

Colour Milky. White.

Odour Sweetish.

Odour threshold Not available. Not available.

**pH** Not available. Not determined.

Melting point Not available.

Initial boiling point and range 65°C @

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Flash point -25°C

**Evaporation factor** Not available.

Upper/lower flammability or

explosive limits

No information available.

Other flammability No information available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

0.75 @ °C

Bulk density Not available.

Solubility(ies) Not available. Insoluble in water. Soluble in the following materials: Organic solvents.

Partition coefficient Not available.

Auto-ignition temperature 222°C

**Decomposition Temperature** Not available.

Viscosity Non-viscous @ °C

**Explosive properties**No information available.

Comments Information given is applicable to the product as supplied. Information declared as "Not

available" or "Not applicable" is not considered to be relevant to the implementation of the

proper control measures.

Density

Relative vapour density

Water solubility

Viscosity, dynamic

9.2. Other information

Refractive index

Particle size

Not available.

Molecular weight

Not applicable.

Volatility

Not available.

Critical temperature Not available.

Solvent content:

Volatile organic compound Not available.

Solids content:

Water:

## 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 at normal ambient temperatures and when used as recommended.

#### **BIJLARD SPUITLIJM 0044**

## 10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

Not determined.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Does not decompose when used and stored as recommended. Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

When heated, vapours/gases hazardous to health may be formed.

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** Information given for the mixture in sect 3 is based upon the results of the calculation

method. Some of the information given is also taken from data given for the individual

ingredients of the mixture.

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Not determined.

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Not determined.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Not determined.

Skin corrosion/irritation

**Skin corrosion/irritation**Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes eye irritation.

Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

Skin sensitisation

**Skin sensitisation** May cause sensitisation by skin contact.

Germ cell mutagenicity

**Genotoxicity - in vitro**Based on available data the classification criteria are not met.

**Genotoxicity - in vivo**Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

Based on available data the classification criteria are not met.

development

Specific target organ toxicity - single exposure

#### **BIJLARD SPUITLIJM 0044**

STOT - single exposure May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information This product has low toxicity. Only large quantities are likely to have adverse effects on

human health.

**Inhalation** Vapour from this product may be hazardous by inhalation. Vapours may cause headache,

fatigue, dizziness and nausea.

**Ingestion** Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin contact Prolonged contact may cause dryness of the skin. Repeated exposure may cause skin

dryness or cracking. Irritating to skin.

Eye contact Irritating to eyes.

Acute and chronic health

hazards

Prolonged contact may cause redness, irritation and dry skin. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Central and/or peripheral nervous system damage. Brain damage.

Route of exposure Ingestion. Inhalation Skin and/or eye contact

Target organs Brain Respiratory system, lungs Mucous membranes Skin

Medical symptoms Skin irritation. Irritation of eyes and mucous membranes. Gas or vapour in high concentrations

may irritate the respiratory system. Symptoms following overexposure may include the

following: Headache. Fatigue. Nausea, vomiting.

Medical considerations Skin disorders and allergies. Convulsions. Central nervous system depression. Aspiration

hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical

pneumonitis.

#### Toxicological information on ingredients.

## Hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

**Notes (inhalation LC₅₀)** LD₅₀ >20 mg/l, Inhalation, Rat

Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/irritation

Serious eye Based on available data the classification criteria are not met.

damage/irritation

Respiratory sensitisation

## **BIJLARD SPUITLIJM 0044**

**Respiratory sensitisation** No information available.

Skin sensitisation

**Skin sensitisation** No information available.

Germ cell mutagenicity

**Genotoxicity - in vitro**No information available.

**Genotoxicity - in vivo** No information available.

Carcinogenicity

Carcinogenicity No information available.

Target organ for carcinogenicity

No specific target organs known.

IARC carcinogenicity Not listed.

Reproductive toxicity

Reproductive toxicity -

fertility

No information available.

Reproductive toxicity -

development

This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

**ACETONE** 

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

5,800.0

Species

Rat

ATE oral (mg/kg)

5,800.0

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >15800 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation

(LC50 vapours mg/l)

76.0

**Species** Rat

ATE inhalation (vapours

76.0

mg/l)

Skin corrosion/irritation

#### **BIJLARD SPUITLIJM 0044**

Skin corrosion/irritation Based on available data the classification criteria are not met. Repeated exposure

may cause skin dryness or cracking.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Genotoxicity - in vivo Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Carcinogenicity in humans is not expected.

Reproductive toxicity

Reproductive toxicity -

fertility

This substance has no evidence of toxicity to reproduction.

Reproductive toxicity -

development

This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure A single exposure may cause the following adverse effects: Drowsiness, dizziness,

disorientation, vertigo.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure. NOAEL

900 mg/kg/day, Oral, Rat NOAEC 22500 mg/m3, Inhalation, Rat

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

**PENTANE** 

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

2,000.0

**Species** Rat

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0

mg/kg)

Acute toxicity - inhalation

Acute toxicity inhalation 5.0

(LC<sub>50</sub> vapours mg/l)

**Species** Rat

## **BIJLARD SPUITLIJM 0044**

**BUTANONE** 

ATE inhalation (vapours

mg/l)

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >2193 mg/kg, Oral, Rat

5.0

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l)

34.0

Species

ATE inhalation (vapours

mg/l)

34.0

Rat

Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

Serious eye damage/irritation

Serious eye

Causes eye irritation.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

**Genotoxicity - in vitro**Based on available data the classification criteria are not met.

**Genotoxicity - in vivo**Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Carcinogenicity in humans is not expected.

Reproductive toxicity

Reproductive toxicity -

Ва

Based on available data the classification criteria are not met.

Reproductive toxicity -

development

fertility

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure A single exposure may cause the following adverse effects: Drowsiness, dizziness,

disorientation, vertigo.

Target organs Central nervous system

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

#### **BIJLARD SPUITLIJM 0044**

Aspiration hazard Based on available data the classification criteria are not met.

Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

5,000.0

**Species** Rat

Notes (oral LD₅₀) LD<sub>50</sub> >5000 mg/kg, Oral, Rat NOAEL 50 mg/kg/day, Oral, Rabbit NOAEL, (USA

> HPV Program - Repeated Dose Toxicity - Subchronic 90 day feeding study -Increased liver wt and increased adrenal wt (females only) at 1500 ppm and higher

25 mg/kg/day, Oral, Rat NOAEL, USA HPV - Program - Maternal Tox 1000 mg/kg/day, Oral, Rat ED05, BMD (Benchmark Dose) - substance shows a slight increase in the incidence of common fetal skeletal variations 740 mg/kg/day, Oral,

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0

mg/kg)

**Species** Rabbit

Notes (dermal LD₅₀) LD<sub>50</sub> >2000 mg/kg, Dermal, Rabbit NOAEL, Repeat dose toxicity, long term

> systemic effects 160.8 mg/kg/day, Dermal, Rat NOAEL 25 mg/kg/day, Oral, Rat USA HPV-Program - Repeated Dose Toxicity - Subchronic 90-Day feeding study -Increased liver wt and increased adrenal wt (females only) at 1500 ppm and

higher.

1000 mg/kg/day (rat)

USA HPV-Program - Maternal Tox

Acute toxicity - inhalation

Notes (inhalation LC50) NOAEC, Repeat dose toxicity, long term systemic effects 28.8 mg/m³, Inhalation,

Rat LC50/1,0h >163 mg/l, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation May cause skin abrasion.

Serious eye damage/irritation

Serious eve damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation May cause sensitisation or allergic reactions in sensitive individuals.

Skin sensitisation

Skin sensitisation May cause sensitisation by skin contact.

Carcinogenicity

Based on available data the classification criteria are not met. Carcinogenicity

Reproductive toxicity

Reproductive toxicity -

Suspected of damaging the unborn child.

development

Specific target organ toxicity - single exposure

## **BIJLARD SPUITLIJM 0044**

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Hydrocarbons, C6 isoalkanes <5% n-hexane

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

16,750.0

**Species** Rat

Notes (oral LD₅₀) LD₅o >5000 ml/kg, Oral, Rat

ATE oral (mg/kg) 16,750.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 3,350.0

mg/kg)

**Species** Rabbit

Notes (dermal LD₅₀) LD<sub>50</sub> 5 mg/kg, Dermal, Rabbit

ATE dermal (mg/kg) 3,350.0

Acute toxicity - inhalation

Acute toxicity inhalation

259,354.0

(LC50 vapours mg/l)

Rat **Species** 

Notes (inhalation LC₅₀) LC50 20 mg/l, Inhalation, (Vapour), Rat

ATE inhalation (vapours

mg/l)

259,354.0

Skin corrosion/irritation

Skin corrosion/irritation No oedema (0).

Animal data Erythema/eschar score: 0.8 Rabbit

Serious eye damage/irritation

Redness of the conjunctivae Rabbit 0 Oedema of the conjunctivae Rabbit 0.33 Iris Serious eye

damage/irritation score: Normal (0). Cornea score: No ulceration or opacity (0).

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

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**Genotoxicity - in vivo**Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Not available.

Reproductive toxicity

Reproductive toxicity -

fertility

Based on available data the classification criteria are not met.

Reproductive toxicity -

development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

**STOT - single exposure** Not applicable.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not applicable.

Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >5480 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >2920 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) LC50 >23300 mg/cm<sup>2</sup>, Inhalation, (Vapour), Rat

Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

Serious eye damage/irritation

**Serious eye**Based on available data the classification criteria are not met. Redness of the damage/irritation conjunctivae Rabbit 0 Oedema Conjunctivae score: Normal (0). Rabbit

Respiratory sensitisation

Respiratory sensitisation Not sensitising. Based on available data the classification criteria are not met.

Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

Germ cell mutagenicity

**Genotoxicity - in vitro**Based on available data the classification criteria are not met.

**Genotoxicity - in vivo**Based on available data the classification criteria are not met.

Carcinogenicity

**Carcinogenicity** No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Reproductive toxicity -

fertility

Not applicable.

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Reproductive toxicity -

development

Not applicable.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Aspiration hazard if swallowed. May be fatal if swallowed and enters airways.

**Inhalation** Central nervous system depression. Vapours may cause headache, fatigue,

dizziness and nausea. Overexposure may depress the central nervous system,

causing dizziness and intoxication.

**Ingestion** The product irritates mucous membranes and may cause abdominal discomfort if

swallowed. May cause nausea, headache, dizziness and intoxication. Central

nervous system depression.

**Skin contact** Irritating to skin.

**Eye contact** The product is strongly irritating to eyes and skin.

#### SECTION 12: Ecological information

**Ecotoxicity** The product contains substances which are toxic to aquatic organisms and which may cause

long-term adverse effects in the aquatic environment.

Acute aquatic toxicity

Chronic aquatic toxicity

Ecological information on ingredients.

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

12.1. Toxicity

**Toxicity** The product contains a substance which is toxic to aquatic organisms and which may cause

long-term adverse effects in the aquatic environment. Information given for the mixture in sect 3 is based upon the results of the calculation method. Some of the information given is also

taken from data given for the individual ingredients of the mixture.

Acute aquatic toxicity

Acute toxicity - fish Not determined.

Acute toxicity - aquatic

invertebrates

Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity -

Not determined.

microorganisms

Not determined.

Acute toxicity - terrestrial

Chronic aquatic toxicity

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**Chronic toxicity - fish early life** Not determined.

stage

Short term toxicity - embryo

Not determined.

and sac fry stages

Chronic toxicity - aquatic

invertebrates

Not determined.

Chronic toxicity in fish

Ecological information on ingredients.

Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane

Acute aquatic toxicity

Acute toxicity - fish LC50, : 1-10 mg/l,

Acute toxicity - aquatic

EC<sub>50</sub>, : 10-100,

plants

**Chronic aquatic toxicity** 

Chronic toxicity - fish early The substance is readily biodegradable.

life stage

**ACETONE** 

Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 5540 mg/l, Oncorhynchus mykiss (Rainbow trout)

LC<sub>50</sub>, 96 hours: 11000 mg/l, Alburnus alburnus (bleak)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 8800 mg/l, Daphnia pulex (water flea)

EC<sub>50</sub>, 24 hours: 2100 mg/l, Artemisia salina

Acute toxicity - aquatic

plants

NOEC, 96 hours: 530 mg/l, Freshwater algae NOEC, 96 hours: 430 mg/l, Marinewater algae

Acute toxicity - microorganisms

EC12, 30 minutes: 1000 mg/l, Activated sludge

Acute toxicity - terrestrial LC<sub>50</sub>, 48 hours: 0.1-1 mg/cm3, Eisenia Fetida (Earthworm)

LD50, 48 hours: 20000 mg/l, Ambystoma mexicanum

LD50, 48 hours: 24000 mg/l, Xenopus laevis

Chronic aquatic toxicity

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: 0.1 mg/l, Daphnia magna

**BUTANONE** 

Acute aquatic toxicity

Acute toxicity - fish LC50, 48 hours: > 100 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅o, 72 hours: >100 mg/l, Pseudokirchneriella subcapitata

Acute toxicity microorganisms EC3, 16 hours: 1150 mg/l, Bacteria

## Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene

Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 48 hours: >1000 mg/l, Leuciscus idus (Golden orfe)

LC<sub>50</sub>, 96 hours: >0.2 mg/l, Oncorhynchus mykiss (Rainbow trout)

ErC50, 72 hours: >0.2 mg/l, Selenastrum capricornutum NOEC, 17 hours: >=10000 mg/l, Pseudomonas putida NOEC, 72 hours: >0.2 mg/l, Selenastrum capricornutum NOELR, : 1 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: >0.2 mg/l, Daphnia magna

NOELR,: 1 mg/l, Daphnia magna

Hydrocarbons, C6 isoalkanes <5% n-hexane

Acute aquatic toxicity

Acute toxicity - fish LC50, >: > 1 mg/l,

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 1680 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC<sub>50</sub>, : 10-100 mg/l,

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

**Toxicity** The product contains a substance which is toxic to aquatic organisms and which

may cause long-term adverse effects in the aquatic environment.

Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hour: >13.4 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 3 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC<sub>50</sub>, 72 hours: 10 mg/l,

Chronic aquatic toxicity

Chronic toxicity - fish early NOEC, 28 days: 1.53 mg/l, Oncorhynchus mykiss (Rainbow trout)

life stage

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: 1 mg/l, Daphnia magna

## 12.2. Persistence and degradability

Chemical oxygen demand

**Persistence and degradability** The product is not readily biodegradable.

Not determined.

**Phototransformation** Not relevant Not determined. Stability (hydrolysis) **Biodegradation** Not determined. Not determined. Biological oxygen demand

## **BIJLARD SPUITLIJM 0044**

## Ecological information on ingredients.

## Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane

Persistence and degradability

The product is readily biodegradable.

**Biodegradation** The substance is readily biodegradable.

**ACETONE** 

Persistence and degradability

The product is readily biodegradable.

**BUTANONE** 

Persistence and degradability

The product is biodegradable.

Biodegradation >60% 28, days

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Biodegradation - 98: 28 days

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

Ecological information on ingredients.

Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane

Bioaccumulative potential Data lacking.

Partition coefficient No information available.

**ACETONE** 

Bioaccumulative potential No data available on bioaccumulation.

**BUTANONE** 

Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water-solubility of

this product.

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all

surfaces.

Adsorption/desorption

coefficient

Not determined.

Henry's law constant Not determined.

Surface tension Not determined.

**Enviromental distribution** 

## **BIJLARD SPUITLIJM 0044**

## Ecological information on ingredients.

## Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane

**Mobility** No data available.

**ACETONE** 

Mobility The product contains volatile organic compounds (VOCs) which will evaporate

easily from all surfaces. The product is water-soluble and may spread in water

systems.

**BUTANONE** 

Mobility Not considered mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

assessment

Ecological information on ingredients.

Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane

**Results of PBT and vPvB** This product does not contain any substances classified as PBT or vPvB.

assessment

**BUTANONE** 

**Results of PBT and vPvB** This product does not contain any substances classified as PBT or vPvB. assessment

12.6. Other adverse effects

Other adverse effects Not known.

Ecological information on ingredients.

Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-hexane

Other adverse effects Not available.

**ACETONE** 

Other adverse effects WGK 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is suitable for incineration. The generation of waste should be minimised or avoided

wherever possible. Residues and empty containers should be taken care of as hazardous

waste according to local and national provisions.

**Disposal methods**Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled

with their contents.

**Product** 

## Uncleaned packaging

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID) 1133 UN No. (IMDG) 1133 UN No. (ICAO) 1133 UN No. (ADN) 1133

## 14.2. UN proper shipping name

Proper shipping name

(ADR/RID)

**ADHESIVES** 

Proper shipping name (IMDG) ADHESIVES (CONTAINS Hydrocarbons, C6-C7,n-alkanes, isoalkanes,cyclics, <5% n-

hexane, PENTANE)

Proper shipping name (ICAO) ADHESIVES

Proper shipping name (ADN) ADHESIVES

## 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

#### Transport labels



## 14.4. Packing group

ADR/RID packing group II
IMDG packing group II
ICAO packing group II
ADN packing group II

## 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

**EmS** F-E, S-D

ADR transport category 2

#### **BIJLARD SPUITLIJM 0044**

Emergency Action Code •3YE

Hazard Identification Number 33

(ADR/RID)

Tunnel restriction code (D/E)

**Segregation Code** 

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

Transport/Additional

Marine Pollutant Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

information

## SECTION 15: Regulatory information

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

National regulations The Carriage of Dangerous Goods and use of Transportable Pressure Equipment Regulations

2009 as amended(SI 2009/1348)

The Control of Substances Hazardous to Health Regulations 2002. (SI 2002 No 2677) as

amended

**EU legislation** 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 (as

amended).

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) (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance EH40/2005 Workplace exposure limits

L131 Approved Classification and Labelling Guide (Sixth Edition)

Authorisations (Annex XIV

Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Annex XVII

**Regulation 1907/2006)** 

No specific restrictions on use are known for this product.

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

**General information** Only trained personnel should use this material.

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 27/11/2023

Revision 8

Supersedes date 27/11/2025

SDS status Approved.

Hazard statements in full H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.