# SHOOT.SUPPORT

# SAFETY DATA SHEET RAMSOL SANITISER DISINFECTANT SPRAY 22LTR CANISTER (R1)

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name RAMSOL SANITISER DISINFECTANT SPRAY 22LTR CANISTER (R1)

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

against

Identified uses Cleaning agent. SU22 PROFESSIONAL USES.

Sterilising solution for hands, forearms and hard surfaces.

**Uses advised against** Use only for intended applications.

1.3. Details of the supplier of the safety data

sheet

Supplier S-CRAFT LTD

1 Brunel Court Gadbrook park Northwich Cheshire CW9 7LP

1.4. Emergency telephone number

**Emergency telephone** +44 (0)1606 352 679 (Mon - Fri) 09:00 - 16:00

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Press. Gas (Comp.) - H280

Health hazards Not Classified

**Environmental hazards** 

2.2. Label elements

Not Classified

Hazard pictograms



Signal word Warning

Hazard statements H280 Contains gas under pressure; may explode if heated.

**Additional information** For professional users only.

# RAMSOL SANITISER DISINFECTANT SPRAY 22LTR CANISTER (R1)

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

smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P280 Wear eye protection.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

Supplementary

**precautionary** P261 Avoid breathing spray.

**statements** P273 Avoid release to the environment.

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

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

#### 2.3. Other hazards

# SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

1-METHOXY-2-PROPANOL 10-25%

CAS number: 107-98-2 EC number: 203-539-1

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Lig. 3 - H226 R10 R67

STOT SE 3 - H336

#### N-ALKYL (60% C14, 30%C16, 5%C12, 5%C18) DIMETHYL-

<1%

BENZYL AMMONIUM

CHLORIDES

CAS number: 68391-01-5

M factor (Acute) = 10

# Classification

Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400

# N-ALKYL (68% C12, 32%C14) DIMETHYL-ETHYLBENZYL

<1%

**AMMONIUM CHLORIDES** 

CAS number: 85409-23-0 M factor (Acute) = 10

#### Classification

Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400

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

# **RAMSOL SANITISER DISINFECTANT SPRAY 22LTR CANISTER (R1)**

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

### 4.1. Description of first aid measures

personnel.

**Inhalation** Remove affected person from source of contamination. Move affected person to fresh air and

keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on

their side in the recovery position and ensure breathing can take place.

**Ingestion** Rinse mouth thoroughly with water. Give plenty of water to drink. Stop if the affected person

feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take

place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

**Skin contact** In the event of any sensitisation symptoms developing, ensure further exposure is avoided.

Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after

washing.

**Eye contact** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do.

Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue. It may

be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

**General information** See Section 11 for additional information on health hazards. The severity of the symptoms

described will vary dependent on the concentration and the length of exposure.

**Inhalation** Get medical attention. During application and drying, solvent vapours will be emitted. Vapours

in high concentrations are narcotic.

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

sensitisation or allergic reactions in sensitive individuals. Entry into the lungs following

ingestion or vomiting may cause chemical pneumonitis.

**Skin contact** May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged or

repeated exposure may cause the following adverse effects: Dryness and/or cracking.

**Eye contact** Bonds skin and eyes in seconds. May cause discomfort. May be slightly irritating to eyes.

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

# **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-

extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

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

# 5.2. Special hazards arising from the substance or mixture

### Specific hazards

Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Vapours may form explosive mixtures with air.

# **Hazardous combustion** products 5.3. Advice for firefighters

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO). Harmful gases or vapours.

# Protective actions during firefighting

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

# Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### **SECTION 6: Accidental release measures**

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

# Personal precautions

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Evacuate area. Provide adequate ventilation. Promptly remove any clothing that becomes contaminated.

# 6.2. Environmental precautions

#### **Environmental precautions**

Collect and place in suitable waste disposal containers and seal securely. Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

# 6.3. Methods and material for containment and cleaning up

#### Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Approach the spillage from upwind. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Flush away spillage with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### 6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

# SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

# **Usage precautions**

For professional users only. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid exposing aerosol containers to high temperatures or direct sunlight. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Keep away from heat. Avoid contact with eyes and prolonged skin contact. Do not spray on broken skin.

# Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

# 7.2. Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store at temperatures between 10°C and 25°C. Store away from incompatible materials (see Section 10). Store in accordance with national regulations. Keep away from oxidising materials, heat and flames. Keep only in the original container. Keep container tightly closed and in a well-ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

# Storage class 7.3. Specific end use(s)

Compressed gas storage. Chemical storage.

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

# 1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m3(Sk) WEL = Workplace Exposure Limit.

# Ingredient comments

No exposure limits known for ingredient(s).

# 8.2. Exposure controls

# Protective equipment



# Appropriate engineering controls

Provide adequate ventilation. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure the ventilation system is regularly maintained and tested. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

# RAMSOL SANITISER DISINFECTANT SPRAY 22LTR CANISTER (R1)

**Hand protection** For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body

protection

Appropriate footwear and additional protective clothing complying with an approved standard

should be worn if a risk assessment indicates skin contamination is possible.

**Hygiene measures** Good personal hygiene procedures should be implemented. When using do not eat, drink or

smoke. Preventive industrial medical examinations should be carried out. Warn cleaning

personnel of any hazardous properties of the product. Provide eyewash station.

**Respiratory protection** No specific requirements are anticipated under normal conditions of use.

**Environmental exposure** 

controls

Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

**Appearance** Aerosol.

Colourless.

Odour Ether.

Odour Not available.

threshold pH 5.0-6.0

Melting point Not available.

Initial boiling point and

range

Not available.

Not available.

Flash point

Not available.

Evaporation rate

Not available.

Evaporation factor

Not available.

Flammability (solid, gas)

Not available.

**Upper/lower flammability** 

or explosive limits

Not available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

Not available.

**Bulk density** 

Not available.

Solubility(ies)

Not available.

Partition coefficient

Not available.

Auto-ignition temperature

Not available.

Decomposition Temperature

Not available.

Viscosity

Not considered to be explosive.

Does not meet the criteria for classification as oxidising.

**Explosive** 

properties

Oxidising

Not available.

properties

#### 9.2. Other information

Refractive index

**SECTION 10: Stability and reactivity** 

10.1. Reactivity

**Reactivity** Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

The following materials may react strongly with the product: Oxidising agents.

10.4. Conditions to

avoid

Avoid exposing aerosol containers to high temperatures or direct sunlight. Containers can

burst violently or explode when heated, due to excessive pressure build-up.

10.5. Incompatible

Conditions to avoid

materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

10.6. Hazardous decomposition

products

Hazardous

**decomposition** Thermal decomposition or combustion products may include the following substances: Acrid

**products** smoke or fumes.

**SECTION 11: Toxicological information** 

11.1. Information on toxicological effects

Acute toxicity -

oral

**Notes (oral LD**<sub>50</sub>) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>)

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Serious eye

damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

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

Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in

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

Carcinogenicit

Carcinogenicity

**nogenicity** 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 -

development

Based on available data the classification criteria are not met.

# **RAMSOL SANITISER DISINFECTANT SPRAY 22LTR CANISTER (R1)**

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

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

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation During application and drying, solvent vapours will be emitted. Vapours in high concentrations

are narcotic.

**Ingestion** Due to the physical nature of this product, it is unlikely that ingestion will occur. Entry into the

lungs following ingestion or vomiting may cause chemical pneumonitis.

**Skin contact** May cause skin sensitisation or allergic reactions in sensitive individuals. Redness.

**Eye contact** May be slightly irritating to eyes. May cause discomfort.

# **SECTION 12: Ecological information**

# 12.1. Toxicity

# 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

**Bioaccumulative** 

12.3. potential

**Bioaccumulative potential** No data available on bioaccumulation.

Not available.

Partition coefficient

**Ecological information on** 

ingredients.

**Nitroge** 

<u>n</u>

Partition coefficient log Pow: 8.08

12.4. Mobility in soil

**Mobility** Readily absorbed into soil.

Results of PBT and vPvB

12.5. assessment

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 None known.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

#### **General information**

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

#### **Disposal methods**

Do not empty into drains. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

# **SECTION 14: Transport information**

### 14.1. UN number

**UN No. (ADR/RID)** 3500

**UN No. (IMDG)** 3500

**UN No. (ICAO)** 3500

UN No. (ADN) 3500

14.2. UN proper shipping

name

Proper shipping name

(ADR/RID)

Proper shipping name

(IMDG)

Proper shipping name

(ICAO)

CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN COMPRESSED GAS)

CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN COMPRESSED GAS)

CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN COMPRESSED GAS)

Proper shipping name (ADN) CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN COMPRESSED GAS)

# 14.3. Transport hazard class(es)

ADR/RID class 2.2

ADR/RID classification code 8A

ADR/RID label 2.2

IMDG class 2.2

ICAO class/division 2.2

ADN class 2.2

# **Transport labels**



# 14.4. Packing group

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

INO.

# 14.6. Special precautions for user

**EmS** F-C, S-V

**ADR transport category** 3

**Emergency Action Code** 2ZE

**Hazard Identification Number** 20

(ADR/RID)

**Tunnel restriction code** (C/E)

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

### Code SECTION 15: Regulatory information

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

**National regulations** EH40/2005 Workplace exposure limits.

The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

**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).

Council Directive of 20 May 1975 on the approximation of the laws of the Member States

relating to aerosol dispensers (75/324/EEC) (as amended).

Health and environmental

listings

This product is classified as a cosmetic, under the Cosmetic Products Regulation (as

amended) in the European Union. The Statutory list of ingredients is carried on the product

label. This product is classified as a biocide, under The Biocidal Product Regulation

(BPR, Regulation (EU) 528/2012)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

# **SECTION 16: Other information**

Abbreviations and acronyms ADR: European Agreement concerning the International Carriage of Dangerous Goods by used in the safety data sheet Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by

Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations Aerosol = Aerosol

and acronyms Skin Irrit. = Skin irritation

Skin Sens. = Skin sensitisation Asp. Tox. = Aspiration hazard

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

# **RAMSOL SANITISER DISINFECTANT SPRAY 22LTR CANISTER (R1)**

Classification procedures

according to Regulation

Aerosol 2 - H223, H229: Expert judgement. Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp.

(EC)

Tox. 1 - H304, Aquatic Chronic 2 - H411: Calculation method.

1272/2008

Training advice Read and follow manufacturer's recommendations. Only trained personnel should use this

material.

Revision date 07/04/2020

Revision 14

Supersedes date 07/04/2020

SDS number 23163

Hazard statements in full H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed. H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

**DIRECTIONS FOR USE** 

**PRODUCT LOGO** 

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.