



WS 3050 S

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 2015/08/27 Revision date: 2020/01/14 Version: 1.3

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

1.1. Product identifier

Product form : Mixture
Trade name : WS 3050 S
Product code : 3050S00
Type of product : Aerosol
Vaporizer : Aerosol
Product group : Trade product

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

WHALE SPRAY, S.L.
C/Aiguafreda 24
P-Industrial Ametlla Park
08480 AMETLLA DEL VALLÉS - SPAIN
T 0034 93 882 77 12
whalespray@whalespray.com - www.whalespray.com

1.4. Emergency telephone number

Emergency number : 0034 93 882 77 12

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229
Skin corrosion/irritation, Category 2 H315
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes skin irritation. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

GHS09

Signal word (CLP) :

Danger

Hazardous ingredients :

propan-2-ol; heptane; n-heptane; acetone; propan-2-one; propanone

Hazard statements (CLP) :

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

Precautionary statements (CLP) :

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.

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P251 - Do not pierce or burn, even after use.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C, 122 °F.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------------------------|---|---------|---|
| heptane; n-heptane | (CAS-No.) 142-82-5 (EC-No.) 205-563-8 (EC Index-No.) 601-008-00-2 | 60 - 90 | Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| propan-2-ol | (CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25 | 3 - 5 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| acetone; propan-2-one; propanone | (CAS-No.) 67-64-1 (EC-No.) 200-662-2 (EC Index-No.) 606-001-00-8 | 3 - 5 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : May cause drowsiness or dizziness.
Symptoms/effects after skin contact : Irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.
Explosion hazard : Pressurised container: May burst if heated.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours. Avoid contact with skin and eyes.

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6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
 Methods for cleaning up : Mechanically recover the product.
 Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing spray. Avoid contact with skin and eyes. Wear personal protective equipment.
 Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| heptane; n-heptane (142-82-5) | | |
|-------------------------------|--------------------------------|--|
| EU | Local name | n-Heptane |
| EU | IOELV TWA (mg/m ³) | 2085 mg/m ³ |
| EU | IOELV TWA (ppm) | 500 ppm |
| Portugal | Local name | Heptano, todos os isómeros (n-Heptano) |
| Portugal | OEL TWA (ppm) | 400 ppm |
| Portugal | OEL STEL (ppm) | 500 ppm |
| Spain | Local name | n-Heptano |
| Spain | VLA-ED (mg/m ³) | 2,085 mg/m ³ VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su trasposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.) |
| Spain | VLA-ED (ppm) | 500 ppm VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su trasposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.) |
| United Kingdom | Local name | n-Heptane |
| United Kingdom | WEL TWA (mg/m ³) | 2085 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 500 ppm |
| propan-2-ol (67-63-0) | | |
| Portugal | Local name | 2-Propanol (isopropanol ou álcool isopropílico) |
| Portugal | OEL TWA (ppm) | 200 ppm |
| Portugal | OEL STEL (ppm) | 400 ppm |

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| propan-2-ol (67-63-0) | | |
|--|--------------------------------|--|
| Spain | Local name | Isopropanol (2011) (Alcohol isopropílico) |
| Spain | VLA-ED (mg/m ³) | 500 mg/m ³ (VLB, s) |
| Spain | VLA-ED (ppm) | 200 ppm (VLB, s) |
| Spain | VLA-EC (mg/m ³) | 1 mg/m ³ (VLB, s) |
| Spain | VLA-EC (ppm) | 400 ppm (VLB, s) |
| United Kingdom | Local name | Propan-2-ol |
| United Kingdom | WEL TWA (mg/m ³) | 999 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 400 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 1250 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 500 ppm |
| acetone; propan-2-one; propanone (67-64-1) | | |
| EU | Local name | Acetone |
| EU | IOELV TWA (mg/m ³) | 1210 mg/m ³ |
| EU | IOELV TWA (ppm) | 500 ppm |
| Portugal | Local name | Acetona |
| Portugal | OEL TWA (ppm) | 500 ppm |
| Portugal | OEL STEL (ppm) | 750 ppm |
| Spain | Local name | Acetona |
| Spain | VLA-ED (mg/m ³) | 1,21 mg/m ³ |
| Spain | VLA-ED (ppm) | 500 ppm |
| Spain | Notes | VLB (Agente químico que tiene Valor Límite Biológico específico en este documento.) , VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su trasposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.) |
| United Kingdom | Local name | Acetone |
| United Kingdom | WEL TWA (mg/m ³) | 1210 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 500 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 3620 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 1500 ppm |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Polyvinyl chloride protective gloves > 480 min, 0.35 mm (EN 374)

Eye protection:

Use eye protection according to EN 166, designed to protect against liquid splashes.

Respiratory protection:

Wear a respirator conforming to EN140 with Type A/P2 filter or better



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

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| | |
|--|---|
| Colour | : Colourless. |
| Odour | : characteristic. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : -20 °C |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Extremely flammable aerosol. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 0,74 g/cm ³ |
| Solubility | : Insoluble in water. |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Pressurised container: May burst if heated. |
| Oxidising properties | : Extremely flammable aerosol. |
| Explosive limits | : No data available |

9.2. Other information

VOC content : 94,8 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| propan-2-ol (67-63-0) | |
|----------------------------|----------------------------|
| LD50 oral rat | 5480 mg/kg (OECD 401) |
| LD50 dermal rabbit | 13900 mg/kg (OECD 402) |
| LC50 inhalation rat (mg/l) | > 25 mg/l (OECD 403 - 6 h) |

| | |
|-----------------------------------|---------------------------|
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

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| | |
|------------------------|--------------------------------------|
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause drowsiness or dizziness. |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

| | |
|------------------|---------|
| WS 3050 S | |
| Vaporizer | Aerosol |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Very toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Very toxic to aquatic life. |
| Hazardous to the aquatic environment, long-term (chronic) | : Very toxic to aquatic life with long lasting effects. |

| | |
|------------------------------|---|
| propan-2-ol (67-63-0) | |
| LC50 fish 1 | 9640 mg/l (96 h - Pimephales promela) |
| EC50 Daphnia 1 | 9714 mg/l (24 h - Daphnia magna) |
| ErC50 (algae) | > 100 mg/l (72 h - Scenedesmus subspicatus) |

12.2. Persistence and degradability

| | |
|-------------------------------|------------------------|
| WS 3050 S | |
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 70,2 % |

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

| | |
|---------------|--------|
| UN-No. (ADR) | : 1950 |
| UN-No. (IMDG) | : 1950 |
| UN-No. (IATA) | : 1950 |
| UN-No. (ADN) | : 1950 |
| UN-No. (RID) | : 1950 |

14.2. UN proper shipping name

| | |
|---------------------------------------|---|
| Proper Shipping Name (ADR) | : AEROSOLS |
| Proper Shipping Name (IMDG) | : AEROSOLS |
| Proper Shipping Name (IATA) | : Aerosols, flammable |
| Proper Shipping Name (ADN) | : AEROSOLS |
| Proper Shipping Name (RID) | : AEROSOLS |
| Transport document description (ADR) | : UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS |
| Transport document description (IMDG) | : UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS |
| Transport document description (IATA) | : UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS |
| Transport document description (ADN) | : UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS |

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Transport document description (RID) : UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.1

Danger labels (ADR) : 2.1



IMDG

Transport hazard class(es) (IMDG) : 2.1

Danger labels (IMDG) : 2.1



IATA

Transport hazard class(es) (IATA) : 2.1

Hazard labels (IATA) : 2.1



ADN

Transport hazard class(es) (ADN) : 2.1

Danger labels (ADN) : 2.1



RID

Transport hazard class(es) (RID) : 2.1

Danger labels (RID) : 2.1



14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : Yes

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Marine pollutant : Yes
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207, LP02
Special packing provisions (ADR) : PP87, RR6, L2
Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V14
Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12
Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

- Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959
Limited quantities (IMDG) : SP277
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P207, LP02
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None

- Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg
Special provisions (IATA) : A145, A167, A802
ERG code (IATA) : 10L

- Inland waterway transport

Classification code (ADN) : 5F
Special provisions (ADN) : 19, 327, 344, 625
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E0
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01, VE04
Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : 5F
Special provisions (RID) : 190, 327, 344, 625
Limited quantities (RID) : 1L
Excepted quantities (RID) : E0
Packing instructions (RID) : P207, LP02
Special packing provisions (RID) : PP87, RR6, L2
Mixed packing provisions (RID) : MP9

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| | |
|---|-------------|
| Transport category (RID) | : 2 |
| Special provisions for carriage – Packages (RID) | : W14 |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW9, CW12 |
| Colis express (express parcels) (RID) | : CE2 |
| Hazard identification number (RID) | : 23 |

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : 94,8 %

15.1.2. National regulations

Germany

VwVwS Annex reference : Water hazard class (WGK) 2, Significantly hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : Hydrocarbons, C3-4-rich, petroleum distillate, Petroleum gas is listed

SZW-lijst van mutagene stoffen : Hydrocarbons, C3-4-rich, petroleum distillate, Petroleum gas is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

For the following substances of this mixture a chemical safety assessment has been carried out

propan-2-ol

SECTION 16: Other information

Full text of H- and EUH-statements:

| | |
|-------------------|--|
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |

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| | |
|------|---|
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.