

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 1 of 10
Print date: 5/3/2023

Section 1: Identification.

Product identifier used on the label and Other means of identification.

Product Name: WS 3077 S 12 oz
Product Code: 3077S002047

Recommended use of the chemical and restrictions on use.

Lubricant

Specific end use(s).

Reservado a un uso profesional

Uses advised against:

Uses other than those recommended.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party.

Company: **WHALE SPRAY S.L.**
Address: Carrer Aiguafreda 24, Nave 1-2, P.I.L'Ametlla Park
City: 08480 - L'Ametlla del Vallés
Province: Barcelona
Telephone: +1 (615) 616-8934 (USA 24 hours emergency number)
E-mail: whalespray@whalespray.com
Web: <https://whalespray.com/>

Emergency phone number: +1 (615) 616-8934 (Monday-Friday; 08:00-17:00)

Section 2: Hazard(s) Identification.

Classification of the chemical in accordance with paragraph (d) of §1910.1200

In accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200):

Flammable aerosol, Category 1 : Extremely flammable aerosol.

Gases under pressure, Compressed : Contains gas under pressure; may explode if heated.

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200.

Symbol(s):



Signal Word:

Danger

Hazard statement(s):

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.

Precautionary statement(s):

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P410+P403 Protect from sunlight. Store in a well-ventilated place.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 2 of 10
Print date: 5/3/2023

Section 3: Composition/Information on Ingredients.

Substances.

Not Applicable.

Mixtures.

Chemical name and concentration ranges of all ingredients that are classified as health hazards in accordance with paragraph (d) of §1910.1200 and that are present above their cut-off/concentration limits or ingredients that are below their cut-off/concentration limits and present a health risk:

Identifiers	Name	Concentrate	(*)Classification	
			Classification	specific concentration limit
CAS No: 56539-66-3 EC No: 260-252-4	3-Methoxy-3-methylbutan-1-ol	1 - 10 %	Eye Irrit. 2A, H319	-
Index No: 603-030-00-8 CAS No: 141-43-5 EC No: 205-483-3 REACH No: 01-2119486455-28-XXXX	[1] 2-aminoethanol,ethanolamine	0 - 1 %	Acute Tox. 4 *, H312 - Acute Tox. 4 *, H332 - Acute Tox. 4 *, H302 - Skin Corr. 1B, H314	STOT SE 3, H335: C g 5 %

(*)The complete text of the Hazard statement(s) is given in section 16 of this Safety Data Sheet.

* Minimum classification.

** Route of exposure cannot be excluded.

*** Hazard statements for reproductive toxicity, the general hazard statement can be replaced by the hazard statement indicating only the property of concern.

**** Correct classification for physical hazards could not be established.

[1] Substance with a workplace exposure limit (see section 8.1).

Section 4: First-Aid Measures.

Description of first aid measures.

It is recommended to move the affected person out of the exposure area.

Inhalation.

It may cause asphyxia at high concentrations. Asphyxia can lead to loss of consciousness or mobility. Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Do not rub affected areas. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

This route of exposure is unlikely.

Most important symptoms and effects, both acute and delayed.

No known acute or delayed effects from exposure to the product.

Indication of any immediate medical attention and special treatment needed.

Request immediate medical attention. If respiratory and/or heart failure occurs, perform resuscitation manoeuvres. Never administer anything orally to persons who are unconscious. If the person vomits, clear the respiratory tract.

Section 5: Fire-Fighting Measures.

In case of fire, as a general hazard, heat can cause containers to explode.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 3 of 10
Print date: 5/3/2023

The product is Extremely inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

During a fire and depending on its magnitude the following may occur:

- Flammable vapors or gases.
- Explosions.

Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Follow the instructions given in the emergency or fire evacuation plan or plans if available. Move containers away from the area if there is no danger in doing so. Keep away from containers and continue cooling them from a safe place.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots. During extinction and depending on the magnitude and proximity to the fire, additional protective equipment such as chemical protection gloves, heat-reflecting suits or gas-tight suits may be required.

Section 6: Accidental Release Measures.

Personal precautions, protective equipment, and emergency procedures.

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. Isolate the area and ensure adequate ventilation. Stockpiling in basements, pits or any confined space or depressed area can be hazardous. Use a self-contained breathing apparatus when the atmosphere is not suitable to be breathed. For exposure control and individual protection measures, see section 8.

Environmental precautions: Product not classified as hazardous for the environment, avoid spillage as much as possible.

Methods and materials for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

Reference to other sections: for exposure control and individual protection measures, see section 8, for later elimination of waste, follow the recommendations under section 13.

Section 7: Handling and Storage.

Precautions for safe handling.

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use anti-static footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 4 of 10
Print date: 5/3/2023

Pressurised gases must be handled by suitably trained and experienced individuals. Use equipment suitable for supply pressure and temperature. Protect containers against physical damage and keep valves clean and in perfect condition. Do not tamper with original packaging.

Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. It must not be stored under conditions conducive to corrosion of the container. Protect containers against physical damage and inspect them regularly to ensure they are in good condition.

Section 8: Exposure Controls/Personal Protection.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
2-aminoethanol,ethanolamine	141-43-5	United States	Eight hours	3	
		[1] (Cal/OSHA)	Short term	6	
		United States	Eight hours	3	6
		[2] (NIOSH)	Short term		
		United States	Eight hours	3	
		[3] (OSHA)	Short term	6	

[1] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[2] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

[3] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
2-aminoethanol,ethanolamine CAS No: 141-43-5 EC No: 205-483-3	DNEL (Workers)	Inhalation, Chronic, Local effects	3,3 (mg/m ³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Section 9: Physical and Chemical Properties.

Information on basic physical and chemical properties.

Appearance: Aerosol

Colour: White

Odour: Not applicable/Not available due to the nature/properties of the product

Odour threshold: Not applicable/Not available due to the nature/properties of the product

pH: Not applicable (Substance/mixture is a gas).

Melting point/freezing point: Not applicable/Not available due to the nature/properties of the product

Initial boiling point or boiling range: -89 °C

Flash point: -260 °C

Evaporation rate: Not applicable/Not available due to the nature/properties of the product

Flammability (solid, gas): Not applicable/Not available due to the nature/properties of the product

Lower Explosive Limit: Not applicable/Not available due to the nature/properties of the product

Upper Explosive Limit: Not applicable/Not available due to the nature/properties of the product

Vapour pressure: Not applicable/Not available due to the nature/properties of the product

Vapour density: Not applicable/Not available due to the nature/properties of the product

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 5 of 10
Print date: 5/3/2023

Relative density: Not applicable/Not available due to the nature/properties of the product
Solubility: Not applicable/Not available due to the nature/properties of the product
Liposolubility: Not applicable/Not available due to the nature/properties of the product
Hydrosolubility: Not applicable/Not available due to the nature/properties of the product
Partition coefficient (n-octanol/water): Not applicable/Not available due to the nature/properties of the product
Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product
Decomposition temperature: Not applicable/Not available due to the nature/properties of the product
Viscosity: Not applicable/Not available due to the nature/properties of the product

Other information.

Explosive properties: Not applicable/Not available due to the nature/properties of the product
Oxidizing properties: Not applicable/Not available due to the nature/properties of the product
Pour point: Not applicable/Not available due to the nature/properties of the product
Blink: Not applicable/Not available due to the nature/properties of the product
Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product

Section 10: Stability and Reactivity.

Reactivity.

If the storage conditions are satisfied, does not produce dangerous reactions.

Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

Possibility of hazardous reactions.

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.

Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Shocks.
- Static discharge.
- Contact with incompatible materials.
- Avoid temperatures near or above the flash point. Do not heat closed containers. Avoid direct sunlight and heat, as these may cause a risk of fire.

Incompatible materials.

Avoid the following materials:

- Flammable materials.
- Explosives materials.
- Toxic materials.
- Oxidizing materials.
- Corrosive materials.

Hazardous decomposition products.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

Section 11: Toxicological Information.

Information on toxicological effects.

There are no tested data available on the product.

- a) acute toxicity;
Not conclusive data for classification.
- b) skin corrosion/irritation;
Based on available data, the classification criteria are not met.
- c) serious eye damage/irritation;
Not conclusive data for classification.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 6 of 10
Print date: 5/3/2023

d) respiratory or skin sensitisation;
Not conclusive data for classification.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;
Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Not conclusive data for classification.

i) STOT-repeated exposure;
Not conclusive data for classification.

j) aspiration hazard;
Not conclusive data for classification.

Substances present in the composition listed in the National Toxicology Program (NTP) Report on Carcinogens (RoC):

This product does not contain substances listed in the National Toxicology Program (NTP) Report on Carcinogens (RoC).

Substances present in the composition listed in the International Agency for Research on Cancer (IARC) Monographs:

This product does not contain substances listed in the International Agency for Research on Cancer (IARC) Monographs.

Section 12: Ecological Information.

Ecotoxicity.

No information is available regarding the ecotoxicity of the substances present.

Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

The product evaporates quickly and enters the gas phase at room temperature. Information on its persistence and degradability is not relevant.

Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
2-aminoethanol,ethanolamine CAS No: 141-43-5 EC No: 205-483-3	-1,31	-	-	Very low

Mobility in soil.

No information is available about the mobility in soil.

Soil or water contamination is unlikely due to high volatility of the product.

Other adverse effects.

No information is available about other adverse effects for the environment.

Section 13: Disposal Considerations.

Waste treatment methods.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 7 of 10
Print date: 5/3/2023

Dispose of packaging through the supplier. Transport, unloading, treatment or disposal activities may be subject to additional local/national legislation. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of the Resource Conservation and Recovery Act (RCRA) and the Resource Conservation and Recovery Act Information (RCRAInfo) regarding waste management.

Section 14: Transport Information.

Transport following the rules of U.S. Department of transportation Pipeline and Hazardous Materials Safety Administration.

In accordance with DOT

Not Dangerous Good.

Regulations Concerning the International Carriage of Dangerous Goods by Road (ADR)

UN number.

UN No: UN1950

UN proper shipping name.

Description:

ADR/RID: UN 1950, AEROSOLS, 2.1

IMDG: UN 1950, AEROSOLS, 2.1 (-260°C)

ICAO/IATA: UN 1950, AEROSOLS, 2.1

Transport hazard class(es).

Class(es): 2

Packing group.

Packing group: Not applicable.

Environmental hazards.

Marine pollutant: No

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

The product is not transported in bulk.

Special precautions for user.

Labels: 2.1



Hazard number: Not applicable.

ADR LQ: 1 L

IMDG LQ: 120 ml

ICAO LQ: Not applicable.

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.

Transport by ship, FEm 3 Emergency sheets (F 3 Fire, S - Spills): F-D,S-U

Proceed in accordance with point 6.

Section 15: Regulatory Information.

Safety, health and environmental regulations specific for the product.

VVOC content (p/p): 0 %

VVOC content: 0 g/l

VOC content (p/p): 15.5 %

VOC content: 154.578 g/l

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 8 of 10
Print date: 5/3/2023

SVOC content (p/p): 0 %
SVOC content: 0 g/l
VVOC: Very volatile organic compounds.
VOC: Volatile organic compounds.
SVOC: Semi volatile organic compounds.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
56539-66-3	3-Methoxy-3-methylbutan-1-ol	Registered
141-43-5	2-aminoethanol,ethanolamine	Registered

The product is not affected by the procedure established by the Rotterdam Convention, concerning the export and import of dangerous chemicals.

The Superfund Amendments and Reauthorization Act (SARA).

SARA Title III and it sets requirements for local and state emergency planning around hazardous chemicals, the right of the public to access information on chemical hazards in their community, and the reporting responsibilities for facilities that use, store, and / or release hazardous chemicals.

SARA Title III has four provisions (any facility with responsibilities under one section will likely have additional responsibilities under another section, consult SARA for more information):

- Emergency Planning (Sections 301-303)
- Emergency Release Notification (Section 304)
- Hazardous Chemical Storage Reporting Requirements (Section 311-312)
- Toxic Chemical Release Inventory (Section 313)

Information related to the product:

Section 302, Extremely Hazardous Substances (EHSs)(40 CFR part 355 Appendix A and Appendix B) and section 304, in the event of an accidental chemical release that exceeds minimal Reportable Quantity (RQ):

Not Applicable.

Section 311, Requires facilities with hazardous chemicals in quantities above certain thresholds (consult OSHA for more information) to provide copies of the SDSs for those chemicals to the State Emergency Response Commission (SERC), Local Emergency Planning Committee (LEPC) and local fire department.

Section 312, Companies with chemicals in sufficient quantities to trigger obligations under Section 311 must also submit an annual emergency and hazardous chemical inventory form to the State Emergency Response Commission (SERC), Local Emergency Planning Committee (LEPC) and local fire department

Section 313, requires facilities with 10 or more employees that use certain toxic chemicals in quantities above threshold levels to report annually on the use, release and disposal of those chemicals, substances identified in section 3:

Not Applicable.

Visit the EPA's website for the most up-to-date information on EPCRA and other environmental considerations.

Proposition 65 warnings

Information related to The Safe Drinking Water and Toxic Enforcement Act of 1986, (better known by its original name of Proposition 65):

There are no substances in section 3 present in the list of chemicals that can cause cancer, birth defects or other reproductive harm (Proposition 65 List).

Section 16: Other Information.

Complete text of the hazard statement(s) that appear in section 3:

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

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 9 of 10
Print date: 5/3/2023

H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Classification codes:

Acute Tox. 4 : Acute toxicity (Dermal), Category 4
Acute Tox. 4 : Acute toxicity (Inhalation), Category 4
Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aerosol 1 : Flammable aerosol, Category 1
Eye Irrit. 2A : Eye irritation, Category 2A
Press. Gas : Gases under pressure, Compressed
Skin Corr. 1B : Skin Corrosive, Category 1B

Classification and procedure used to derive the classification for mixtures according to The Hazard Communication Standard (HCS) (29 CFR 1910.1200):

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Risk classification system NFPA 704:



Health hazard: 0 (Normal Material)

Flammability: 4 (Below 73°F)

Reactivity: 1 (Unstable if heated)

Abbreviations and acronyms used:

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road.

BCF: Bioconcentration factor.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

EC50: Half maximal effective concentration.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

NOEC: No observed effect concentration.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

Key literature references and sources for data:

The Hazard Communication Standard (HCS) (29 CFR 1910.1200)

United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

<https://www.osha.gov>

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))

3077S002047-WS 3077 S 12 oz



Version: 1
Revision date: 5/3/2023

Page 10 of 10
Print date: 5/3/2023

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<http://echa.europa.eu/>

The information given in this Safety Data Sheet has been drafted in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200) and United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Employers must ensure that the SDSs are readily accessible to employees for all hazardous chemicals in their workplace.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.