



Safety Data Sheet

Version: 1
Revision Date: 3/31/2023

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

1.1. Product identifier

Product identifier. 123352
Product name. Unsmoke Degrease All
UFI UAQF-802Y-A00P-NQ8R

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

Recommended Use. Professional Degreaser
Uses advised against. Professional Use Only

1.3. Details of the supplier of the safety data sheet

Supplier. Legend Brands
15180 Josh Wilson Road
Burlington, WA 98233
E-Mail: sds@legendbrands.com
800-932-3030

Legend Brands Europe
22 Plover Close Interchange Park
Newport Pagnell MK069PS UK
+44 (0) 1908 611211

Rust-Oleum Europe
Kolenbergstraat 23
3545 Halen, Belgium
+32 (0)13 460 200

1.4. Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
+1-352-323-3500 (International)

Europe 112
Austria +43 1 406 43 43
Belgium Poison center (BE): +32 70 245 245
Denmark Poison Control Hotline (DK): +45 82 12 12 12
Finland Poison Information Centre (FI): +358 9 471 977
France ORFILA (FR): + 01 45 42 59 59
Germany Poison Center Berlin (DE): +49 030 30686 790 | par Poison Center Nord: +49 551 19240
(24h available English / German)
Ireland National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland +354 543 2222
Italy Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg 112
Netherlands National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)
Norway Poisons Information (NO): + 47 22 591300
Portugal Poison Information Center (PT): +351 800 250 250
Spain Poison Information Service (ES): +34 91 562 04 20
Sweden Poisons Information Center (SV): +46 8 33 12 31
Switzerland Poison Center: Tel 145; +41 44 251 51 51
United Kingdom 111 / 0300 020 0155

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Serious Eye Damage, category 1
Skin Corrosion, category 1

2.2. Label elements**Signal Word**

Danger

Hazardous ingredients which must be listed on the label

Contains

Ethoxylated alcohols, C9-C11, Sodium Metasilicate

Possible Hazards

1.1% of the mixture consists of ingredient(s) of unknown toxicity.

1.1% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

GHS HAZARD STATEMENTS

H318 Causes serious eye damage.

H314 Causes severe skin burns and eye damage.

GHS LABEL PRECAUTIONARY STATEMENTS

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor or physician.

P501 Dispose of contents/container to an approved waste disposal plant.

GHS SDS PRECAUTIONARY STATEMENTS

P260 Do not breathe dust, fume, gas, mist, vapours, spray.

P264 Wash face, hands and any exposed skin thoroughly after handling.

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

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

2.3. Other hazards

EMERGENCY OVERVIEW: No Information

SECTION 3: Composition/information on ingredients**3.1. Substances**

This product is a mixture. Health hazard information is based on its components.

3.2. Mixtures

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	203-961-6	01-2119475104-44-XXXX	>=10 - <20
Ethoxylated alcohols, C9-C11	68439-46-3	No Information	No Information	>=1 - <5
Sodium Metasilicate	6834-92-0	229-912-9	No Information	>=0.5 - <1.5
Sodium Sesquicarbonate	533-96-0	208-580-9	No Information	>=0.5 - <1.5
Ammonium hydroxide	1336-21-6	215-647-6	No Information	<1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs
2-(2-BUTOXYETHOXY)ETHANOL	Eye Irrit. 2 (H319)	ATE oral (mg/kg): 5660 mg/kg Rat ATE dermal (mg/kg): 2700 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.

Ethoxylated alcohols, C9-C11	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	ATE oral (mg/kg): 5005 mg/kg ATE dermal (mg/kg): 5005 mg/kg ATE inhalation - vapor (mg/l/4h): 22 mg/l ATE inhalation - dust/mist (mg/l/4h): 6 mg/l
Sodium Metasilicate	Acute Tox. 4 Oral (H302) Skin Corr. 1B (H314) STOT SE 3 RTI (H335)	ATE oral (mg/kg): 1153 mg/kg Rat ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Sodium Sesquicarbonate	Eye Irrit. 2 (H319)	ATE oral (mg/kg): N.R. ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R.
Ammonium hydroxide	Acute Tox. 4 Oral (H302) Skin Corr. 1B (H314) STOT SE 3 RTI (H335) Aquatic Acute 1 (H400)	STOT SE 3; H335: C>=5% ATE oral (mg/kg): 350 mg/kg Rat ATE dermal (mg/kg): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.

For the full text of the H-Statements mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice.

Call a physician if irritation develops or persists. Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation.

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Call a physician immediately.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

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

Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

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

Notes to physician.

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up

Methods for Containment.

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment.

Methods for cleaning up.

Use personal protective equipment as required.

Other information.

No Information

6.4. Reference to other sections

No Information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling.

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

Hygiene measures.

See section 7 for more information.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions.

Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

7.3. Specific end use(s)

Specific use(s).

No Information

Exposure scenario.

No Information Available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limit Values

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
2-(2-BUTOXYETHOXY)ETHANOL 112-34-5	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 10 ppm TWA: 68 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 10 ppm TWA: 68 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 68 mg/m ³
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Metasilicate 6834-92-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
Sodium Sesquicarbonate 533-96-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ammonium hydroxide 1336-21-6	N.D.	N.D.	N.D.	N.D.	STEL: 50 ppm STEL: 36 mg/m3 TWA: 20 ppm TWA: 14 mg/m3	N.D.
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
2-(2-BUTOXYETHOXY)ETHANOL 112-34-5	STEL: 15 ppm STEL: 100.5 mg/m3 TWA: 67 mg/m3 TWA: 10 ppm	STEL: 15 ppm STEL: 101.2 mg/m3 TWA: 10 ppm TWA: 67.5 mg/m3	STEL: 15 ppm STEL: 101.2 mg/m3 TWA: 10 ppm TWA: 67.5 mg/m3	STEL: 15 ppm STEL: 101.2 mg/m3 TWA: 10 ppm TWA: 67.5 mg/m3	STEL: 15 ppm STEL: 101.2 mg/m3 TWA: 10 ppm TWA: 67.5 mg/m3	STEL: 100 mg/m3 TWA: 50 mg/m3
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Metasilicate 6834-92-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Sesquicarbonate 533-96-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ammonium hydroxide 1336-21-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
2-(2-BUTOXYETHOXY)ETHANOL 112-34-5	STEL: 20 ppm STEL: 102 mg/m3 TWA: 10 ppm TWA: 68 mg/m3	STEL: 101.2 mg/m3 STEL: 15 ppm TWA: 10 ppm TWA: 67.5 mg/m3	STEL: 15 ppm STEL: 101.2 mg/m3 TWA: 10 ppm TWA: 67.5 mg/m3	STEL: 15 ppm STEL: 101 mg/m3 TWA: 10 ppm TWA: 68 mg/m3	STEL: 15 ppm STEL: 101 mg/m3 TWA: 10 ppm TWA: 67 mg/m3	STEL: 15 ppm STEL: 101.2 mg/m3 TWA: 10 ppm TWA: 67.5 mg/m3
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Metasilicate 6834-92-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Sesquicarbonate 533-96-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ammonium hydroxide 1336-21-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

TWA: Time weighted average

STEL: Short term exposure limit.

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Concentration (PNEC)

No Information Available

8.2. Exposure controls**Engineering Measures.**

Ensure adequate ventilation, especially in confined areas. Showers, eyewash stations, and ventilation systems.

Personal protective equipment.**Eye/Face Protection.**

Safety glasses with side-shields.

Skin and body protection.

Wear impervious rubber clothing if needed to prevent contact with liquid material. Wear suitable protective clothing.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Environmental Exposure Controls.

No Information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Transparent liquid
Colour	Blue
Odour	Ammonia
Odour Threshold	No Information
pH	12.5
Melting Point, °C	No Information
Flash Point, °C	>94
Boiling Range, °C	100 - 260
Combustibility	Does not Support Combustion
Vapor Pressure, mmHg	No Information
Vapor density	No Information
Specific Gravity (g/cm³)	1.020
Solubility in water	soluble
Partition Coefficient, n-octanol/water	No Information
Auto-Ignition Temperature, °C	No Information
Decomposition temperature, °C	No Information
Viscosity	No Information

9.2. Other information

Volatile organic compounds (VOC) content. No Information

9.2.1. Information with regard to physical hazard classes

No Information

9.2.2. Other safety characteristics

Evaporation rate No Information Available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None known based on information supplied.

10.4. Conditions to avoid

Direct sources of heat.

10.5. Incompatible materials

Aldehydes. Ketones. Sodium hypochlorite. Acids. Alcohols. Oxidizing agents.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity.

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

Product Information

Oral LD50	Dermal LD50	Inhalation LC50
NI	15.929.00	NI

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	>5000 mg/kg	
ATEmix (dermal)	>5000 mg/kg	

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	5660 mg/kg Rat	2700 mg/kg Rabbit	N.R.
68439-46-3	Ethoxylated alcohols, C9-C11	5005 mg/kg	5005 mg/kg	22 mg/l
6834-92-0	Sodium Metasilicate	1153 mg/kg Rat	N.R.	N.R.
533-96-0	Sodium Sesquicarbonate	N.R.	N.R.	N.R.
1336-21-6	Ammonium hydroxide	350 mg/kg Rat	N.R.	N.R.

Skin corrosion/irritation.

SKIN IRRITANT.

11.2. Information on other hazards

Endocrine disrupting properties

N.A.

Other information.

N.A.

SECTION 12: Ecological information

12.1. Toxicity

4.60% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
2-(2-BUTOXYETHOXY) ETHANOL 112-34-5	EC50 96 h <i>Desmodesmus subspicatus</i> >100 mg/L	LC50 96 h <i>Lepomis macrochirus</i> 1300 mg/L	EC50 48 h <i>Daphnia magna</i> >100 mg/L
Ethoxylated alcohols, C9-C11 68439-46-3	N.D.	N.D.	N.D.
Sodium Metasilicate 6834-92-0	N.D.	LC50 96 h <i>Brachydanio rerio</i> 210 mg/L, LC50 96 h <i>Brachydanio rerio</i> 210 mg/L	N.D.
Sodium Sesquicarbonate 533-96-0	N.D.	N.D.	N.D.
Ammonium hydroxide 1336-21-6	N.D.	LC50 96 h <i>Pimephales promelas</i> 8.2 mg/L	EC50 48 h water flea 0.66 mg/ L, EC50 48 h <i>Daphnia pulex</i> 0.66 mg/L

12.2. Persistence and degradability

No data are available on the product itself

12.3. Bioaccumulative potential

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	N.I.	1
68439-46-3	Ethoxylated alcohols, C9-C11	N.I.	N.I.
6834-92-0	Sodium Metasilicate	N.I.	N.I.
533-96-0	Sodium Sesquicarbonate	N.I.	N.I.
1336-21-6	Ammonium hydroxide	N.I.	N.I.

12.4. Mobility in soil**Mobility in soil.**

No information available

12.5. Results of PBT and vPvB assessment

No data are available on the product itself

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste from residues / unused products.**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging.

No Information

Other information.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

SECTION 14: Transport information**ADR**

14.1. UN number or ID number	1760
14.2. UN proper shipping name	CORROSIVE LIQUID, N.O.S.. (AMMONIUM HYDROXIDE AND DISODIUM TRIOXOSILICATE)
14.3. Transport hazard class(es)	8
14.4. Packing group	III
14.5. Environmental hazards	No.
14.6. Special precautions for user	Limited quantity when shipped in 1 gallon (3.8 L) or less

IMDG

14.1. UN number or ID number	1760
14.2. UN proper shipping name	CORROSIVE LIQUID, N.O.S.. (AMMONIUM HYDROXIDE AND DISODIUM TRIOXOSILICATE)
14.3. Transport hazard class(es)	8
14.4. Packing group	III
14.5 Marine Pollutant	No.
Environmental hazards	No.
14.6. Special precautions for user	Limited quantity when shipped in 1 gallon (3.8 L) or less
14.7. Maritime transport in bulk according to IMO instruments	No Information

IATA

14.1. UN number or ID number	1760
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14.2. UN proper shipping name	CORROSIVE LIQUID, N.O.S.. (AMMONIUM HYDROXIDE AND DISODIUM TRIOXOSILICATE)
14.3. Transport hazard class(es)	8
14.4. Packing group	III
14.5. Environmental hazards	No.
14.6. Special precautions for user	not recommended for air transport

SECTION 15: Regulatory information

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

National regulatory information.

Germany WGK Classification 3

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	RG 84

European Union.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Persistent Organic Pollutants

Not applicable

Authorizations and/or restrictions on use:

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	No.	Yes.
6834-92-0	Sodium Metasilicate	No.	Yes.
1336-21-6	Ammonium hydroxide	No.	Yes.

EU Substances of Very High Concern

None

International Inventories.

TSCA	-
DSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AIIC	-
NZIoC	-

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Industrial Chemicals.
NZIoC	New Zealand Inventory of Chemicals.

15.2. Chemical safety assessment

No.

SECTION 16: Other information**Revision Date**

3/31/2023

Indication of changes:

Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

Legend.

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.