SAFETY DATA SHEET

SECTION 1) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Product Name:	GADSOL FLEX	**Revision Date:**	Jun 25, 2021
UFI Number:	N.A		
Product Code:	GADSOL FLEX	**Version:**	2.0

1.2 Relevant Identified Uses of the Substance or Mixture:

Industrial use Cleaning Agent

Date Printed: Sep 19, 2021

Supersedes Date: Feb 04, 2020

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer's Name: Gadot Terminals (1985) Ltd.

Address: 5 Hamelacha St., Haogen Building, Poleg Industrial Area, P.O.B 8751 , IL

Information Phone Number: +972-9-8929500 (sds-gadot@gadot.com)

Fax: +972-98653385

1.4 Emergency Information:

Emergency Phone: Centre Antipoisons : +32(0)70245245

SECTION 2) HAZARDS IDENTIFICATION

2.1 Classification

Safety data sheet prepared in accordance to Regulation (EC) No. 1907/2006 as amended from time to time.

Acute toxicity Oral - Category 4

Aspiration Hazard - Category 1

Eye Irritation - Category 2

Skin Irritation - Category 2

2.2 Label Elements

Pictograms

Signal Word

Danger

Hazardous Statements - Health

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H319 - Causes serious eye irritation

H315 - Causes skin irritation

Precautionary Statements - Prevention

P264 - Wash thoroughly after handling.

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

Precautionary Statements - Response

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P321 - Specific treatment (see Section 4 on this SDS).

Precautionary Statements - Storage

No precautionary statement available.

Precautionary Statements - Disposal

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

2.3 Other hazards

No data available.

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

CAS	Chemical Name	GHS Classifications	% By Weight	EC No
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) REACH NO: 01 -2119457273-39-XXXX	Asp. Tox. 1, H304	55.50% - 92.50%	918-481-9
0000100-51-6	BENZYL ALCOHOL REACH NO:01-2119492630-38-XXXX	Acute Tox. Inh. 4, H332; Acute Tox. Oral 4, H302; Eye Irr. 2, H319	6.40% - 25.60%	202-859-9
0000111-76-2	2- BUTOXYETHANOL REACH NO: 01-2119475108-36-XXXX	Acute Tox. Derm. 4, H312; Acute Tox. Inh. 4, H332; Acute Tox. Oral 4, H302; Eye Irr. 2, H319; Skin Irr. 2, H315	4.00% - 16.00%	203-905-0

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

4.1 Description of measures

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. Call a POISON CENTER/doctor if you feel unwell.

Eye Contact

If eye irritation persists: Get medical advice/attention. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes or until medical aid is available. Wash contaminated clothing before reuse. If skin irritation occurs or you feel unwell: Get medical advice/attention.

Ingestion

Rinse mouth. Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

4.2 Most important symptoms and effects, both acute and delayed

Can irritate the respiratory tract. Can irritate eyes and skin. Exposure can cause headache, dizziness and lighheadedness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

SECTION 5) FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire : Water spray, fog or alcohol-resistant foam.

Unsuitable Extinguishing Media

Do not use straight stream of water.

5.2 Specific Hazards in Case of Fire

Dense smoke may be generated while burning. Evolves toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones when heated to combustion.

5.3 Advice for firefighters

Fire-Fighting Procedures

See section 8 for specifics on protective personal equipment (PPE). Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Emergency Procedure

Isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Ventilate closed spaces before entering. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Recommended Equipment

See section 8 for specifics on protective personal equipment (PPE). Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Personal Precautions

Avoid breathing vapor or mist. Avoid contact with skin, eye or clothing.

6.2 Environmental precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

6.3 Methods and materials for containment and cleaning up

Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal. Ventilate area after clean-up is complete.

6.4 Reference to other sections

See section 8 for specifics on protective personal equipment (PPE). Concerning disposal elimination after cleaning, see section 13.

SECTION 7) HANDLING AND STORAGE

7.1 Precautions for safe handling

General

Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment. Wash hands after use. Avoid contact with skin, eye or clothing. Avoid breathing vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. All containers must be properly labelled. Eyewash stations and showers should be available in areas where this material is used and stored

7.2 Conditions for safe storage, including any incompatibilities

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to

control emissions near the source. Report ventilation failures immediately.

Storage Room Requirements

Store in a cool, dry, well ventilated area, away from sources of ignition and incompatibilities. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous.

7.3 Specific end use(s)

No data available.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Chemical Name	FR_ED984_VLEP_ppm - France, ED 984, Des Valeure limites d'exposition professionnelle ppm	FR_ED984_VLEP_mg_m3 - France, ED 984, Des Valeure limites d'exposition professionnelle miligram per cubic meter	FR_ED984_VLCT_or_VLE_15 min_ppm - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 15 minute, ppm	FR_ED984_VLCT_or_VLE_15 min_mg_m3 - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 15 minute, mg/m3	FR_ED984_VLCT_or_VLE_5 min_ppm - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 15 minute, ppm	FR_ED984_VLCT_or_VLE_5 min_mg_m3 - France, ED 984, Des Valeure limites court terme (VLCT) ou Valeure limites d'exposition (VLE) 5 minute, mg/m3	FR_ED984_Observation_Sante - France, ED 984, Observation des effet sur la santé	FR_ED984_VLEP_Date - France, ED 984, Date
2-BUTOXYETHANOL REACH NO: 01-2119475108-36-XXXX	10	49	50	49			risque de pénétration percutanée	Jan 1 2012 12:00AM
BENZYL ALCOHOL REACH NO:01-2119492630-38-XXXX								
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) REACH NO: 01-2119457273-39-XXXX								

Chemical Name	ES_VLA_ED_ppm - Spain, VALORES LÍMITE AMBIENTALES DE EXPOSICIÓN DIARIA(VLA-ED)_ppm	ES_VLA_ED_mg_m3 - Spain, VALORES LÍMITE AMBIENTALES DE EXPOSICIÓN DIARIA(VLA-ED)_mg/m3	ES_VLA_EC_ppm - Spain, VALORES LÍMITE AMBIENTALES DE CORTA DURACIÓN (VLA-EC)_ppm	ES_VLA_Notas - Spain, VALORES LÍMITE AMBIENTALES DE NOTAS	ES_VLA_EC_mg_m3 - Spain, VALORES LÍMITE AMBIENTALES DE CORTA DURACIÓN (VLA-EC)_mg/m3	ES_CMR - Spain, Listado de compuestos Cancerígenos y Mutágenos categorias 1A y 1B	DE_AS_ppm - Germany Occupational Exposure Limit ppm (ml/m3), (Arbeitsplatzgrenzwert Spitzenbegr)	DE_AS_mg - Germany Occupational Exposure Limit mg/m3 , (Arbeitsplatzgrenzwert Spitzenbegr)
2-BUTOXYETHANOL REACH NO: 01-2119475108-36-XXXX	20	98	50	vía dérmica, VLI, VLB®	245		10	49
BENZYL ALCOHOL REACH NO:01-2119492630-38-XXXX							5	22
NAPHTHA, HEAVY HYDROTREAT								

ED (PETROLEUM) REACH NO: 01 -2119457273- 39-XXXX								

Chemical Name	DE_AS_UF - Germany Occupational Exposure Limit, Top limit - overshoot factor (Arbeitsplatzgr enzwert Spitzenbegr, Überschrei- tungsfaktor)	DE_AS_Bemer kungen - Germany Occupational Exposure Limit Remarks, (Arbeitsplatzgr enzwert Spitzenbegr,B emerkungen)	IOELV TWA (mg/m3)	IOELV TWA (ppm)	IOELV STEL (mg/m3)	IOELV STEL (ppm)	IOELV Directive	IOELV Notations
2- BUTOXYETHA NOL REACH NO: 01- 2119475108-36 -XXXX	2(I)	H, Y	98	20	246	50	DIR 2000/39/CE	Skin
BENZYL ALCOHOL REACH NO:01- 2119492630-38 -XXXX	2 (I)	H, Y						
NAPHTHA, HEAVY HYDROTREAT ED (PETROLEUM) REACH NO: 01 -2119457273- 39-XXXX	2(II)							

Chemical Name	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH Notations	DNEL_Inh_Loc al (mg)	DNEL_Inh_Sys temic (mg)
2- BUTOXYETHA NOL REACH NO: 01- 2119475108-36 -XXXX		20			A3	A3; BEI		98
BENZYL ALCOHOL REACH NO:01- 2119492630-38 -XXXX								22, 25.8
NAPHTHA, HEAVY HYDROTREAT ED (PETROLEUM) REACH NO: 01 -2119457273- 39-XXXX	[(L)[N159](L) [N800]]; [5 (I) [N159]5 (I) [N800]];	(L)[N159](L) [N800]			[A2[N159]A2 [N800]]; [A4 [N159]A4 [N800]];	[A2[N159]A2 [N800]]; [A4 [N159]A4 [N800]];	840	

Chemical Name	DNEL_Carcino genic
2- BUTOXYETHA NOL REACH NO: 01- 2119475108-36 -XXXX	

BENZYL ALCOHOL REACH NO:01-2119492630-38-XXXX	
NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) REACH NO: 01-2119457273-39-XXXX	

A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, BEI - Substances for which there is a Biological Exposure Index or Indices

8.2 Exposure controls

Eye Protection

Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield. Goggles should be consistent with EN 166B or equivalent. The lens must remain in the frame and is not to shatter. The frame must remain intact as well. Frame and lens must withstand the impact of a 6 mm steel ball weighing 0,86 gram fired at 432 km/h.

Skin Protection

Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Use of chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro□organisms. Examples of preferred glove barrier materials include: Butyl rubber, Polyethylene, Chlorinated polyethylene, Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Viton, Neoprene, Polyvinyl chloride ("PVC" or "vinyl"), Nitrile/butadiene rubber ("nitrile" or "NBR"). Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended. Full contact Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 480 min Material tested: Butoject® (KCL 897 / Aldrich Z677647, Size M) Splash contact Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 30 min Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M). Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. Contaminated gloves should be replaced. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program should be followed. When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators. When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) certified air-purifying respirators equipped with EN 14387 certified organic vapor absorbent and particulate filter (Filter Type A) can be used as long as appropriate precautions and change out schedules are in place. For emergency or non-routine, high exposure situations, including confined space entry, use certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Environmental Exposure Controls

Use the appropriate container to avoid environmental contamination. Keep away from all drains, surface and ground water. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical and Chemical Properties

Density	0.80003 g/cm3
Specific Gravity	0.80030

Appearance	Liquid
Auto Ignition Temp	No Data Available °F
Coefficient Water/Oil	No Data Available
Colour	N/A

Decomposition Pt	No Data Available
Evaporation Rate	No Data Available gal/min
Explosive properties	Not applicable
Flammability	N/A
Flash Point	61.00000 °C
Freezing Point	<-20 °C
High Boiling Point	No Data Available °F
Kinematic Viscosity	No Data Available m2/s
Kinematic Viscosity Temperature	No Data Available °C
Low Boiling Point	No Data Available °F
Lower Explosion Level (%)	No Data Available
Melting Point	No Data Available °F
Oxidizing Properties	Not applicable
Odour Description	Typical
Odour Threshold	No Data Available
pH	No Data Available
Pour Point	No Data Available
Refractive Index	N/A
Upper Explosion Level (%)	No Data Available
Vapor Density	No Data Available lb/gal
Vapor Pressure	No Data Available mmHg
Viscosity	No Data Available
Water Content	N/A
Water Solubility	Insoluble in water

9.2 Other Information

No data available.

SECTION 10) STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Will not occur under recommended storage conditions.

10.4 Conditions to avoid

Avoid heat, sparks, flame and contact with incompatible materials

10.5 Incompatible materials

Strong bases, acids, and oxidizing agents.

10.6 Hazardous Decomposition Products

Oxides of Carbon.

SECTION 11) TOXICOLOGICAL INFORMATION

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : No data available.

11.2.2 Other information

Other information : Symptoms related to the physical, chemical and toxicological characteristics, for further information see section 4.

Miscellaneous Health Effects

0000100-51-6 BENZYL ALCOHOL Reach No:01-2119492630-38-XXXX

Inhalation of vapor may cause irritation of upper respiratory tract. Prolonged or excessive inhalation may result in headache, nausea, vomiting, and diarrhea. In severe cases, respiratory stimulation followed by respiratory and muscular paralysis, convulsions, narcosis and death may result. Ingestion may produce severe irritation of the gastrointestinal tract, followed by nausea, vomiting, cramps and diarrhea; tissue ulceration may result.

Potential Health Effects - Miscellaneous

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

Can be absorbed through the skin in harmful amounts. May cause injury to the kidneys, liver, blood and/or bone marrow. Repeated overexposure may result in damage to the blood. Eye contact may cause corneal injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

0064742-48-9 NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) Reach No: 01 -2119457273-39-XXXX

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

11.1 Information on toxicological effects

Acute Toxicity

Harmful if swallowed

The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for an inhalation (vapour) exposure to this mixture is >20 mg/l

0064742-48-9 NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) Reach No: 01 -2119457273-39-XXXX

Inhalation of high concentrations can cause CNS depression; Ingestion can cause aspiration into the lungs.

Aspiration Hazard

May be fatal if swallowed and enters airways

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Carcinogenicity

The highly refined mineral oil contains <3% DMSO extract as measured by IP 346, hence the classification of a carcinogen need not apply.

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

Germ Cell Mutagenicity

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

Reproductive Toxicity

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

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

Can irritate the respiratory tract.

Respiratory/Skin Sensitization

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

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

Can irritate the eyes.

Can irritate the respiratory tract.

Serious Eye Damage/Irritation

Causes serious eye irritation

0000100-51-6 BENZYL ALCOHOL Reach No:01-2119492630-38-XXXX

Contact with eyes causes local irritation.

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

Can irritate the eyes.

Can irritate the skin.

0064742-48-9 NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) Reach No: 01 -2119457273-39-XXXX

Vapor is a mild eye irritant.

Skin Corrosion/Irritation

Causes skin irritation

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

Can irritate the skin.

May affect the central nervous system, blood, kidneys and liver. Exposure can cause headache, dizziness and lighheadedness.

Specific Target Organ Toxicity - Single Exposure

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

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

May affect the central nervous system, blood, kidneys and liver. Exposure can cause headache, dizziness and lighheadedness.

Specific Target Organ Toxicity - Repeated Exposure

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

Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

0000100-51-6 BENZYL ALCOHOL Reach No:01-2119492630-38-XXXX

The substance can be absorbed into the body by inhalation of its vapour and by ingestion.

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

The substance can be absorbed into the body by inhalation, through the skin and by ingestion.

0000100-51-6 BENZYL ALCOHOL Reach No:01-2119492630-38-XXXX

LC50(Inhalation, rat):>500 mg/m3; Toxic effects: Behavioral - somnolence (general depressed activity) Behavioral - ataxia Lungs, Thorax, or Respiration - respiratory depression; Reference: VCVGK* "Vrednie chemichescie veshestva, galogen I kislorod sodergashie organicheskie soedinenia". (Hazardous substances. Halogen and oxygen containing substances), Bandman A.L. et al., Chimia, 1994. Volume (issue)/page/year: -,132,1984

LD50(Dermal, rabbit): 2000 mg/kg; VCVGK* "Vrednie chemichescie veshestva, galogen I kislorod sodergashie organicheskie soedinenia". (Hazardous substances. Halogen and oxygen containing substances), Bandman A.L. et al., Chimia, 1994. Volume (issue)/page/year: -,132,1984

LD50(Oral, rat): 1230 mg/kg; Toxic effects: Behavioral - somnolence (general depressed activity) Behavioral - excitement Behavioral - coma

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

LC50 (female rat): 450 ppm (4-hour exposure)
LC50 (male rat): 486 ppm (4-hour exposure)

LD50 (oral, male weanling rat): 3000 mg/kg
LD50 (oral, 6-week old male rat): 2400 mg/kg
LD50 (oral, yearling male rat): 560 mg/kg
LD50 (oral, female rat): 530 mg/kg; 2500 mg/kg
LD50 (oral, male mouse): 1230 mg/kg
LD50 (oral, rabbit): 320 mg/kg
LD50 (dermal, male rabbit): 406 mg/kg (cited as 0.45 mL/kg)

SECTION 12) ECOLOGICAL INFORMATION

12.1 Toxicity

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

12.2 Persistence and degradability

0000100-51-6 BENZYL ALCOHOL Reach No:01-2119492630-38-XXXX

Readily biodegradable.

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

Readily biodegradable

Readily biodegradable.

12.3 Bioaccumulative Potential

0000100-51-6 BENZYL ALCOHOL Reach No:01-2119492630-38-XXXX

No potential for bioaccumulation.

12.4 Mobility in Soil

No data available.

12.5 Results of the PBT and vPvB assessment

0000100-51-6 BENZYL ALCOHOL Reach No:01-2119492630-38-XXXX

The substance is not PBT/vPvB.

0000111-76-2 2- BUTOXYETHANOL Reach No: 01-2119475108-36-XXXX

The substance is not PBT / vPvB

The substance is not PBT / vPvB.

0064742-48-9 NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) Reach No: 01 -2119457273-39-XXXX

The substance is not PBT / vPvB.

12.6 Endocrine disrupting properties

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7 Other Adverse Effects

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : This material and its container must be disposed of as hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14) Transport Information

	Land Transportation (ADR/RID)	Inland Waterway Transport (ADN(R))	Marine Transport (IMDG)	Air Transport (ICAO/IATA)
14.1 UN number:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
14.2 UN proper shipping name:	N/A	N/A	N/A	N/A
14.3 Transport hazard class(es):	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.4 Packing group:	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hazchem code:	Not Applicable			
Hazard identification number:	Not Applicable			
14.5 Environmental Hazard:	No Data Available	No Data Available	No Data Available	No Data Available
14.6 Special precautions for user:	No Data Available	No Data Available	No Data Available	No Data Available
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No Data Available	No Data Available	No Data Available	No Data Available

SECTION 15) REGULATORY INFORMATION

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

15.1.1 EU REACH Regulations

Contains no REACH Annex XIV substances.

Contains no substance on the REACH candidate list at a concentration level ≥ 0.1%.

15.1.2 National Regulations

No additional information available.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product.

CAS	Chemical Name	% By Weight	Regulation List
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM) REACH NO: 01 -2119457273-39-XXXX	55.50% - 92.50%	IARCCarcinogen,TSCA,EU_EC_Inventory - European_EC_Inventory,Annex XVII
0000100-51-6	BENZYL ALCOHOL REACH NO:01-2119492630-38-XXXX	6.40% - 25.60%	TSCA,EU_EC_Inventory - European_EC_Inventory
0000111-76-2	2- BUTOXYETHANOL REACH NO: 01-2119475108-36-XXXX	4.00% - 16.00%	IARCCarcinogen,TSCA,EU_EC_Inventory - European_EC_Inventory

SECTION 16) OTHER INFORMATION

Glossary

ACGIH - American Conference of Governmental Industrial Hygienists; Acute Tox. - acute toxicity; ADN - (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road; CAS - Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances); Chemtrec - Chemical Transportation Emergency Center; CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures; DSL - Domestic Substances List; EC No - The EC Inventory (EINECS, ELINCS and the NLP-list)is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) EH40/2005 EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/opengovernment-li- cence/); EINECS - European Inventory of Existing Commercial Chemical Substances; ELINCS - European List of Notified Chemical Substances; Eye Dam. - Seriously damaging to the eye; Eye Irrit. – Irritant to the eye; Flam. Liq. – Flammable Liquid; Flam. Sol. – Flammable Solid; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; MARPOL - International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant); IOELV - Indicative Ocupational Exposure Limit Value; LC - Lethal Concentration; LD - Lethal Dose; MARPOL -International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant"); NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; NLP - No-Longer Polymer; PBT - Persistent, Bioaccumulative and Toxic; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; REACH - Registration, Evaluation, Authorization and Restriction of Chemicals; Resp. Sens. - Respiratory sensitization; Resp. – Respiratory Irritation; RID - (Regulations concerning the International carriage of Dangerous goods by Rail; Skin Corr. - Corrosive to skin; Skin Irrit. - Irritant to skin; Skin Sens. - Skin sensitization; STEL - Short-term exposure limit; STOT SE - Specific target organ toxicity - single exposure; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; vPvB - Very Persistent and very Bioaccumulative; WEL - Workplace exposure limit.

Training Advice

Training staff on good practice. Manipulations are to be done only by qualified and authorised persons.

Key literature references and sources for data

Safety data sheet prepared in accordance to Regulation (EC) No. 1907/2006 as amended from time to time.

ECHA Dissemination Database, ECHA (European Chemical Agency), Supplier SDS, INCHEM2, ECOTOX and RTECS databases.

Classification methods used to derive the classification for mixtures according to Regulation (EC) 1272/2008

Calculation methods have been used for evaluation of all hazard classes assigned to the product under Article 9 of Regulation (EC) No. 1272/2008.

Version 2.0:

Revision Date: Jun 25, 2021

Full text of H-Statements referred to under Section 3

H319 Causes serious eye irritation

H315	Causes skin irritation
H332	Harmful if inhaled
H302	Harmful if swallowed
H312	Harmful in contact with skin
H304	May be fatal if swallowed and enters airways

DISCLAIMER

To the best of Gadot's knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside Gadot's control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.