Safety Data Sheet Hand Sanitizer

	1. Identification of substance
Product Name	Hand Sanitizer
Trade Name	Rinse-free disinfectant Gel
Chemical Name	None
Recommended Use	Disinfect
Manufacturer	
Address	
Phone Number	
Fax Number	
WEB	
Emergency Phone Number	
	2. Hazards identification
GHS classification GHS Pictograms	Flammable liquids 2
Signal words	Danger
Hazard statements	H225: Highly flammable liquid and vapour
Precautionary Statement	P210: Keep away from heat/sparks/open flames/hot
Prevention	surfacesNo smoking.
	P233: Keep container tightly closed.
	P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting
	equipment. P242: Use only non-sparking tools.
	P242: Take precautionary measures against static discharge.
	P280: Wear protective gloves/protective clothing/eye protection/face protection.
Breenutionany Statement	P303+P361+P353: IF ON SKIN (or hair): Take off immediately
Precautionary Statement Response	all contaminated clothing. Rinse affected areas with water[or
Response	shower].
	P370+P378: In case of fire: Use extinguisher to extinguish.
Precautionary Statement Storage	P403+P235: Store in a well-ventilated place. Keep cool.
Precautionary Statement	P501: Dispose of contents/container in according with local
Disposal	regulation.
Other hazards which do	Not available.
not result in classification	
3.	Composition/information on Ingredients

Safety Data Sheet Hand Sanitizer		Ac	Page 2 of 8 cording to GHS rev 8	
√ Mixtures				
Component Information				
Component	CAS number	EINECS number	Mass(%)	
Alcohol	64-17-5	200-578-6	73%wt	
Deionized water	7732-18-5	231-791-2	25.3%wt	
Glycerol	56-81-5	200-289-5	1%wt	
Carbopol 940	9003-01-4	618-347-7	0.45%wt	
Triethanolamine	102-71-6	203-049-8	0.25%wt	
Thethenena	4.First-aid n	neasures		
NOTE TO PHYSICIAN		s of breath, give oxygen		
NOTE TO PHISICIAN	Keep victim under	observation. Symptoms	may be delayed.	
After inhalation		Oxygen or artificial respir	ation if needed. Ge	
	immediate medical attention. Immediately flush skin with plenty of water, Remove an			
After skin contact				
	isolate contaminated clothing and shoes. If irritation persist get medical attention immediately. For minor skin conta avoid spreading material on unaffected skin. Wash clothing separately before reuse.			
After eye contact		eyes with plenty of wa		
		dequate flushing of the		
		igers. Get medical atten		
After ingestion		one or two glasses of wa		
		vithout medical advice.		
		tim lean forward to redu		
		ng such as a collar, tie, b		
		o-mouth method if v		
WE ALL DO TO MENTION		nmediate medical attent	ion.	
Most important	No data available.			
symptoms/effects, acute				
	5 Fire-fighting	measures		
and delayed	5. Fire-fighting Water spray, alc		arbon dioxide, dr	
and delayed Suitable extinguishing	Water spray, alc	ohol-resistant foam, c	arbon dioxide, dr	
and delayed Suitable extinguishing agents	Water spray, alc chemical powder,	ohol-resistant foam, c sandy soil.		
and delayed Suitable extinguishing agents Special hazards caused by	Water spray, alc chemical powder, The decompositio	ohol-resistant foam, c sandy soil. n products depend or	n temperature, ai	
and delayed Suitable extinguishing agents Special hazards caused by the material, its products	Water spray, alc chemical powder, The decompositio supply and other	ohol-resistant foam, c sandy soil. n products depend or substances. Decompos	n temperature, ai ition products ma	
and delayed Suitable extinguishing agents Special hazards caused by the material, its products of combustion or flue	Water spray, alc chemical powder, The decompositio supply and other include but are no	ohol-resistant foam, co sandy soil. n products depend or substances. Decompos of limited to: carbon mo	n temperature, ai ition products ma	
and delayed Suitable extinguishing agents Special hazards caused by the material, its products of combustion or flue gases	Water spray, alc chemical powder, The decompositio supply and other include but are no dioxide, nitrogen of	ohol-resistant foam, co sandy soil. n products depend or substances. Decompos of limited to: carbon mo oxides.	n temperature, ai ition products may onoxide and carbor	
and delayed Suitable extinguishing agents Special hazards caused by the material, its products of combustion or flue gases Protective equipment for	Water spray, alc chemical powder, The decomposition supply and other include but are not dioxide, nitrogen of Wear full protective	ohol-resistant foam, co sandy soil. n products depend or substances. Decompos of limited to: carbon mo oxides. e clothing, including hel	n temperature, ai ition products may onoxide and carbor met, self-contained	
and delayed Suitable extinguishing agents Special hazards caused by the material, its products of combustion or flue gases	Water spray, alc chemical powder, The decomposition supply and other include but are not dioxide, nitrogen of Wear full protective	ohol-resistant foam, ca sandy soil. n products depend or substances. Decompos ot limited to: carbon mo oxides. e clothing, including hel or pressure demand brea	n temperature, ai ition products may onoxide and carbor met, self-contained	
and delayed Suitable extinguishing agents Special hazards caused by the material, its products of combustion or flue gases Protective equipment for	Water spray, alc chemical powder, The decompositio supply and other include but are no dioxide, nitrogen of Wear full protectiv positive pressure of	ohol-resistant foam, ca sandy soil. n products depend or substances. Decompos of limited to: carbon mo oxides. e clothing, including hel or pressure demand brea and face mask.	n temperature, ai ition products may onoxide and carbor met, self-contained	
and delayed Suitable extinguishing agents Special hazards caused by the material, its products of combustion or flue gases Protective equipment for	Water spray, alc chemical powder, The decompositio supply and other include but are no dioxide, nitrogen of Wear full protective positive pressure of protective clothing 6. Accidental rele Ensure adequate	ohol-resistant foam, ca sandy soil. n products depend or substances. Decompos of limited to: carbon mo oxides. e clothing, including hel or pressure demand brea and face mask.	n temperature, ai ition products ma onoxide and carbo met, self-contained athing apparatus, sources of ignition	

Safety Data Sheet Hand Sanitizer				According to G	Page 3 of 8 HS rev 8
	concentrations	s. Ventilate	closed spac	es before en	tering. Kee
	unnecessary p				
Measures for	Prevent further leakage or spillage if safe to do so. Do not allow				
environmental protection	material to be released to the environment without proper				
	governmental permits.				
Measures for	Control spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth				
leaning/collecting	absorbent ma	iterial (e.g.	sand, earl	th, diatomad	ceous eartl
5.	vermiculite)		e in suit	able contai	iner. Clea
	contaminated	surface tho	roughly.		
Additional information	See Section 7	for informa	tion on safe	handling	
	See section 8 for information on personal protection				
	equipment.				
	See Section 1	3 for inform	ation on dis	posal.	
	7. Handli	ng and stor	age	La Participa	
Handling	and the second sec				
Information for safe	Use spark-pro	of tools and	i mechanica	I equipments	5.
handling	In case of insufficient ventilation, wear suitable respiratory				
	equipment.				
Information about	Keep away from heat, sources of ignition - No smoking.				
protection against	Take measures to prevent the build up of electrostatic charge				
explosions and fires					
STORAGE					
Requirements to be met	Keep in a cool, dry, well-ventilated place.				
by storerooms and	Keep tightly closed until used.				
containers	Use of explosi				
Information about storage	Store away fr			ances such a	is strong
in one common storage	oxidizing ager	nts, alkalis,	etc.		
facility					
Further information about	Storage area				
storage conditions	quantity of fir			cy treatment	equipment
0	and suitable r	the second se	And the state of the		
6. Limit Values for Exposure	Exposure cont	rois/persone	ai protection		
Component	cac averbas	ACGIH	ACGIH	NIOSH	NIOSH
201210-000-000-000-000-000-000-000-000-0	CAS number	TLV-TWA	TLV-STEL	REL-TWA	REL-STE
	64 17 E	NE	1,000	1,000	N.E.
Alcohol	64-17-5	N.E.	ppm	ppm	IN.L.
Glycerol	56-81-5	N.E.	N.E.	N.E.	N.E.
Carbopol 940	9003-01-4	N.E.	N.E.	N.E.	N.E.
Triethanolamine	102-71-6	5 mg/m ³	N.E.	N.E.	N.E.
Appropriate engineering	Use adequate				itrations lo
controls	Provide safety	/ shower an	d eyewash f	facility.	112270230
General protective and	Do not get thi	is material i	n contact w	ith eyes. Har	ndle in
hygienic measures	accordance w	ith acod ind	lustrial hygi	ene and safe	ty practice

Safety Data Sheet Hand Sanitizer	Page 4 of 8 According to GHS rev 8
	Wash hands before breaks and at the end of workday.
Personal protective	Splash goggles, gloves, protective clothing and a vapor
equipment	respirator.
Breathing equipment	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Protection of hands	Wear appropriate chemical resistant gloves.
Eye/Face protection	Use safety glasses with side shields or safety goggles as
	mechanical barrier for prolonged exposure.
Body protection	Full set of anti chemical reagent overalls, flame retardant antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.
Note:1. N.E. means not estab	lished.
A DESCRIPTION OF THE OWNER OF THE	9.Physical and chemical properties
Physical state	Gel
Colour	Colourless
Odour	No data available
Melting point/freezing	No data available
point	
Boiling point or initial boiling point and boiling range	No data available
Flammability	Highly flammable
Lower and upper explosion limit/ flammability limit	No data available
Flash point	14.8 °C (Closed cup)
Auto-ignition temperature	No data available
Decomposition	No data available
temperature	
рН	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient: n-octanol/water(log value)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density (air=1)	No data available
Particle characteristics	Not applicable
	10. Stability and reactivity
Reactivity	Alcohol reacts slowly with calcium hypochlorite, silver oxide

Safety Data Sheet Hand Sanitizer	Page 5 of 8 According to GHS rev 8
rr fil	iolently with strong oxidants such as nitric acid, silver nitrate nercuric nitrate and magnesium perchlorate. This generates re and explosion hazard. table under recommended storage conditions.
Possibility of hazardous N reactions	o data available.
	eat and flame and spark. The extreme temperatures and irect sunlight. Static discharge.
Incompatible materials A Hazardous decomposition T products si ir	void contact with strong oxidizing agents, alkalis, etc. he decomposition products depend on temperature, air upply and other substances. Decomposition products may nclude but are not limited to: carbon monoxide and carbon ioxide, nitrogen oxides.
	11.Toxicological information
Acute Toxicity Alcohol (CAS 64-17-5) Glycerol (CAS 56-81-5) Carbopol 940 (CAS	LD50 (Oral, rat): 10,470 mg/kg LC50 (Inhalation, rat): 124.7 mg/l (4 h) LD50 (Dermal, rabbit): N/A LD50 (Oral, rat): 4,090 mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): N/A LD50 (Oral, rat): 2,500 mg/kg
9003-01-4) Skin corrosion/Irritation	LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): N/A Not classified
damage/irritation Respiratory or skin	Not classified
sensitization Germ cell mutagenicity Carcinogenicity Reproductive toxicity	Not classified Not classified Not classified
STOT-single exposure STOT-repeated exposure Aspiration hazard	Not classified Not classified Not classified
Chronic Effects Further Information	Not classified None. 12. Ecological information

Ecotoxicity

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Safety Data Sheet Hand Sanitizer	According to GHS rev 8
Aquatic Toxicity	
	Test & Species
	96 Hr LC50 fish: N/A
	48 Hr EC50 Daphnia: N/A
	72 Hr EC50 Algae: N/A
Persistence and	Not available
degradability	
Bioaccumulative potential	Not available
Mobility in soll	Not available
Additional Information	None
	13. Disposal considerations
WASTE DISPOSAL INSTRUCTION	
Contact	a qualified professional waste disposal service to dispose of this
materia	
Dispose	of in accordance with local environmental regulations or local
authorit	y requirements.
	14. Transport information
The Recommendation of Tr	ansport of Dangerous Goods(TDG)
UN Number	UN 1170
Proper Shipping Name	ETHANOL SOLUTION
Class/Division	Class 3 Flammable Liquids
Package Group	PG II
Subsidiary risk	
labelling pictogram	
Maritime transport IMDG/	Being same with TDG/No
Marine pollutant (Yes/No)	
Air transport ICAO-TI and	Being same with TDG
IATA-DGR	
	15. Regulatory information
European/International	
OSHA:	Hazardous by definition of Hazard Communicatio
	Standard(29CFR 1910.1200).
EINECS Status:	The main components of this chemical are included in EINEC
	inventory.
EPA TSCA Status:	The main components of this chemical are included in TSCA
	inventory.

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Canadian DSL(Domestic	The main components of this chemical are included in DSL.
Substances List):	
HMIS(Hazardous	Health: 0
Material Identification	Flammability: 3
System Ratings):	Physical hazard: 0
-,	Personal protection: H
	(4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1. Slight Hazard; 0. Minimal Hazard)
WHMIS (Canadian	B2, D2B (Alcohol).
Workplace Hazardous	
Material Identification	
System Ratings):	
GB 12268-2012 List of	This product is a dangerous goods on the GB 12268-2012 list of
	이 같은 것 같은
dangerous goods	dangerous goods. 16. other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE"," International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

Abbreviations and	ADR: European Agreement concerning the International
acronyms	Carriage of Dangerous Goods by Road
	RID: Regulations Concerning the International Transport of
	Dangerous Goods by Rail
	IMDG: International Maritime Code for Dangerous Goods
	IATA-DGR: Dangerous Goods Regulations by the "International
	Air Transport Association" (IATA)
	ICAO-TI: Technical Instructions by the "International Civil
	Aviation Organization" (ICAO)
	EINECS: European Inventory of Existing Commercial Chemical
	Substances
	CAS: Chemical Abstracts Service

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	LC50: Lethal concentration, 50 percent
	LD50: Lethal dose, 50 percent
	EC50: Effective concentration, 50 percent
Edit Date	17.03.2020
Update and Revise	Original edition
	Globally Harmonized System of Classification and Labelling for
Edit Standard	Chemicals Part 1.5
	Zhejiang Academy of Science and Technology for Inspection
Revised Institution	and Quarantine

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

1.1 Product identifiers Product name

: Hand Sanitizer

- 1.2 Relevant identified uses of the substance or mixture and uses advised against Identified uses : Laboratory chemicals, Manufacture of substances
- 1.3 Details of the supplier of the safety data sheet Company BT Supplies / GSI Supplies / Lifeguard has on file

1.4 Emergency telephone

Emergency Phone #

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Flammable liquids (Category 2), H225

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

Classification according to EU Directives 67/548/EEC or 1999/45/EC F Highly flammable R11

For the full text of the R-phrases mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word	Danger
Hazard statement(s) H225	Highly flammable liquid and vapour.
Precautionary statement(s) P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
Supplemental Hazard Statements	none
Other hazards - none	

SECTION 3: Composition/information on ingredients

IC-20200	1324011

2.3

3.1 Substances

Product/ingredient name	%	CAS
Water	20%-30%	7732-18-5
Alcohol	68%-74%	64-17-5
Glycerin	1%-5%	56-81-5
Others	<2%	

No components need to be disclosed according to the applicable regulations.

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

- 5.2 Special hazards arising from the substance or mixture No data available
- 5.3 Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.
- 5.4 Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

IC-20200324011

Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hygroscopic.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Chemical Name ACGIH NIOSH OSHA - Final PELs Ethanol 1000 pp 1000 ppm TWA 1000 ppm TWA 1900 mg/m3 TWA 1900 mg/m3 TWA 1900 mg/m3 TWA	1000 ppm TWA 1900 mg/m3 TWA
--	--------------------------------

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. 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. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact Material: butyl-rubber Minimum layer thickness: 0,3 mm Break through time: 480 min

Splash contact Material: Nitrile rubber Minimum layer thickness: 0,2 mm Break through time: 38 min

test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

impervious clothing, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: gel Colour: colourless
b)	Odour	No data available
C)	Odour Threshold	No data available
d)	pН	6.0-8.5
e)	Melting point/freezing point	-144,0 °C
f)	Initial boiling point and boiling range	78,0 - 80,0 °C
g)	Flash point	14,0 °C - closed cup
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	Upper explosion limit: 19 %(V) Lower explosion limit: 3,3 %(V)

- k) Vapour pressure 59,5 hPa at 20,0 °C
- Vapour density
 No data available
- m) Relative density 0.79-0.90 g/cm3
- n) Water solubility completely soluble
- Partition coefficient: n- No data available octanol/water
- p) Auto-ignition 363,0 °C
- q) Decomposition No data available temperature
- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available
- 9.2 Other safety information No data available

temperature

SECTION 10: Stability and reactivity

- 10.1 Reactivity No data available
- 10.2 Chemical stability Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions No data available
- Conditions to avoid Heat, flames and sparks. Extremes of temperature and direct sunlight.
- 10.5 Incompatible materials Alkali metals, Ammonia, Oxidizing agents, Peroxides
- 10.6 Hazardous decomposition products Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 7.060 mg/kg Remarks: Lungs, Thorax, or Respiration:Other changes.

LC50 Inhalation - Rat - 10 h - 20000 ppm

Skin corrosion/irritation Skin - Rabbit

Result: No skin irritation - 24 h (OECD Test Guideline 404)

Serious eye damage/eye irritation

Eyes - Rabbit Result: Mild eye irritation - 24 h (OECD Test Guideline 405)

IC-20200324011

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

Carcinogenicity - Mouse - Oral

Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Liver:Tumors. Blood:Lymphomas including Hodgkin's disease.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Reproductive toxicity - Human - female - Oral Effects on Newborn: Apgar score (human only). Effects on Newborn: Other neonatal measures or effects. Effects on Newborn: Drug dependence.

Specific target organ toxicity - single exposure No data available

NO Gata available

Specific target organ toxicity - repeated exposure No data available

Aspiration hazard

No data available

Additional Information

RTECS: KQ6300000

Central nervous system depression, narcosis, Damage to the heart., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity

No data available

- 12.2 Persistence and degradability No data available
- 12.3 Bioaccumulative potential No data available
- 12.4 Mobility in soil No data available
- 12.5 Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting

as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECT	ION 14: Transport informatio	n	
14.1	UN number ADR/RID: 1170	IMDG: 1170	IATA: 1170
14.2	UN proper shipping name ADR/RID: ETHANOL IMDG: ETHANOL IATA: Ethanol		
14.3	Transport hazard class(es) ADR/RID: 3	IMDG: 3	IATA: 3
14.4	Packaging group ADR/RID: II	IMDG: II	IATA: II
14.5	Environmental hazards ADR/RID: no	IMDG Marine pollutant: no	IATA: no
14.6	Special precautions for use No data available	r	

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

15.2 Chemical Safety Assessment For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H225 Highly flammable liquid and vapour.

Full text of R-phrases referred to under sections 2 and 3

R11 Highly flammable.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.