

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

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

1.1 Product identifier

Trade name

EXTENDER I

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

Relevant identified uses of the substance or mixture

lubricant

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

SCAN-DIA GmbH
Luetkenheider Strasse 11
58099 Hagen
Germany

Telephone no. +49 (0) -2331-62469-0

Fax no. +49 (0) -2331-62469-29

e-mail info@scan-dia.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Irrit. 2; H319

Flam. Liq. 2; H225

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms



GHS02



GHS07

Signal word

Danger

Hazard statement(s)

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

Precautionary statement(s)

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P243	Take action to prevent static discharges.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguish.
P501	Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

No data available.

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

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	ethanol		
	64-17-5 200-578-6 603-002-00-5 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319	< 100.00 wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Eye Irrit. 2; H319: C >= 50%	-	-

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

In all cases of doubt, or when sickness symptoms persist, seek medical attention.

After inhalation

Ensure supply of fresh air. Remove affected person from the immediate area. In the event of symptoms take medical treatment.

After skin contact

Remove contaminated clothing immediately and dispose of safely. When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Call a doctor immediately. Do not induce vomiting - aspiration hazard. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed**Symptoms**

Narcosis; eye and mucosal irritation

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, flush stomach.

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Dry chemical extinguisher; Alcohol-resistant foam; Water spray jet

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. organic crack products

5.3 Advice for firefighters

Use self-contained breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear full protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid contact with skin, eyes and clothing. Keep away from ignition sources. Ensure adequate ventilation.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g., general-purpose binder). When collected, handle material as described under the section heading "Disposal considerations". Rinse away rest with plenty of water.

6.4 Reference to other sections

Information regarding waste disposal, see section 13. Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). Take precautionary measures against electrostatic loading.

General protective and hygiene measures

Wash hands before breaks and after work. Do not eat or drink during work - no smoking. Keep away from food, drink and animal feeding stuffs.

Advice on protection against fire and explosion

Keep away from hot surfaces, glowing objects and flames. Keep away from sources of ignition - refrain from smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep only in the original container, tightly closed, in a well ventilated place. Protect from heat and direct sunlight. Storage: cool and dry

Incompatible products

Do not store together with: spontaneously combusting substances; oxidizing agents; oxidizing substances; combustible materials

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
List of approved workplace exposure limits (WELs) / EH40			
Ethanol			
	WEL long-term (8-hr TWA reference period)	1920 mg/m ³	1000 ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

Exposure (Worker)					
No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	ethanol			64-17-5 200-578-6	
	dermal	Long term (chronic)	systemic	343	mg/kg/day
	inhalative	Long term (chronic)	systemic	950	mg/m³

DNEL value (consumer)

DNEE Value (Consumer)				CAS / EC no	
No	Substance name				
	Route of exposure	Exposure time	Effect	Value	
1	ethanol			64-17-5 200-578-6	
	oral	Long term (chronic)	systemic	87	mg/kg/day
	dermal	Long term (chronic)	systemic	206	mg/kg/day
	inhalative	Long term (chronic)	systemic	114	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	ethanol		64-17-5 200-578-6	
	water	fresh water	0.96	mg/L
	water	Aqua intermittent	2.75	mg/L
	water	marine water	0.79	mg/L
	water	fresh water sediment	3.6	mg/kg dry weight
	water	marine water sediment	2.9	mg/L
	soil	-	0.63	mg/kg dry weight
	sewage treatment plant	-	580	mg/L
	secondary poisoning	-	0.38	mg/kg food

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. Breathing apparatus: gas filter A, code colour: brown

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Chemical resistant gloves (EN 374); For prolonged or repeated contact: use barrier creams, which may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Mind the

EU safety data sheet

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

manufacturer recommendations. Please read the protective glove manufacturer's information relating to permeation rates and breakthrough times and the particular conditions at the workplace.

Appropriate Material rubber

Other

Normal chemical work clothing.

Environmental exposure controls

Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation			
liquid			
Form/Colour			
liquid			
various			
Odour			
alcohol-like			
pH value			
No data available			
Boiling point / boiling range			
Value	appr.	80	°C
Melting point/freezing point			
No data available			
Decomposition temperature			
No data available			
Flash point			
Value	appr.	10	°C
Ignition temperature			
No data available			
Flammability			
No data available			
Lower explosion limit			
Value		3.4	% vol
Reference substance	Ethanol		
Upper explosion limit			
Value		15	% vol
Reference substance	Ethanol		
Vapour pressure			
Value	appr.	43	- 50 hPa
Reference temperature		20	°C
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value		0.79	g/ml
Reference temperature		20	°C
Solubility in water			

EU safety data sheet

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

Comments	soluble
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Solubility
No data available

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
log Pow		-0.35	
Reference temperature		24	°C
with reference to		pH 7,4	
Method		OECD 107	
Source		ECHA	

Viscosity			
Value	appr.	1.19	mPa*s

Particle characteristics
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

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

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
LD50		10470	mg/kg bodyweight
Species		rat	
with reference to		95% ethanol in water	
Method		OECD 401	
Source		ECHA	

Acute dermal toxicity
No data available

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
LC50		124.7	mg/l

EU safety data sheet

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

Duration of exposure	4 h
State of aggregation	Vapour
Species	rat
Method	OECD 403
Source	ECHA

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		non-irritant	

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		irritant	

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Route of exposure		Skin	
Species		mouse	
Source		ECHA	
Evaluation		non-sensitizing	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Route of exposure		oral	
NOAEL			
Type of examination		2 generation study	
Species		mouse	
Method		OECD 416	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
NOAEL			
Type of examination		Prenatal Developmental Toxicity Study	
Species		rat	
Method		OECD 414	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure	
No data available	

EU safety data sheet

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Route of exposure		oral	
Duration of exposure		14	week/s
Species		rat	
Target organ		kidneys	
Method		OECD 408	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard
No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Liver and Kidney damage is possible. Inhalation causes narcotic effect/intoxication. Irritating to eyes.

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
LC50		14200	mg/l
Duration of exposure		96	h
Species		Pimephales promelas	
Method		EPA	
Source		ECHA	

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
EC50		5012	mg/l
Duration of exposure		48	h
Species		Ceriodaphnia dubia	
Method		ASTM Standard E 729-80	
Source		ECHA	

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
NOEC		9.6	mg/l
Duration of exposure		9	day(s)
Species		Daphnia magna	
Source		ECHA	

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
EC50		275	mg/l
Duration of exposure		72	h
Species		Chlorella vulgaris	

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

Method	OECD 201
Source	ECHA

Toxicity to algae (chronic)
No data available

Bacteria toxicity
No data available

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Type	aerobic biodegradation		
Value	appr.	84	%
Duration		20	day(s)
Method	OECD		
Source	ECHA		
Evaluation	readily biodegradable		
Value			%

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
log Pow		-0.35	
Reference temperature		24	°C
with reference to	pH 7,4		
Method	OECD 107		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.
Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Remove in accordance with local official regulations.

Waste code 07 01 04* other organic solvents, washing liquids and mother liquors

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Packaging

Completely discharge containers. Do not reuse product container. Packaging that cannot be cleaned should be disposed off as product waste. Dispose of in accordance with federal, state and local regulations.

SECTION 14: Transport information

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

14.1 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1170
Proper shipping name	ETHANOL solution
Tunnel restriction code	D/E
Label	3

14.2 Transport IMDG

Class	3
Packing group	II
UN number	UN1170
Proper shipping name	ETHANOL solution
EmS	F-E, S-D
Label	3

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	II
UN number	UN1170
Proper shipping name	Ethanol solution
Label	3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
EU regulations**Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3, 40
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Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:	P5b
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Other regulations

Observe employment restrictions for women of child-bearing age.
Observe employment restrictions for child bearing mothers and nursing mothers.

Trade name: EXTENDER I

Current version : 2.0.2, issued: 14.06.2021

Replaced version: 2.0.1, issued: 29.01.2019

Region: GB

Observe employment restrictions for young people.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture. A chemical safety assessment has been carried out for the following substance/s in this mixture:

CAS no.	64-17-5
EC no.	200-578-6

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.
Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
National Threshold Limit Values of the corresponding countries as amended in each case.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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Prod-ID 637403