

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : Samson Extra 6 %  
Product code : SL-950 6 OD, IBE 3926, IBE 4038  
Type of product : OD : oil dispersion

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Professional use  
Use of the substance/mixture : Herbicide

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

Belchim Crop Protection NV/SA  
Technologielaan 7  
1840 Londerzeel - Belgium  
T +32 (0)52 30 09 06 - F +32 (0)52 30 11 35  
[info@belchim.com](mailto:info@belchim.com) - [www.belchim.com](http://www.belchim.com)

**1.4. Emergency telephone number**

Emergency number : +32(0)14584545  
24 H/7 days

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)**

Serious eye damage/eye irritation, Category 2 H319  
Skin sensitisation, Category 1 H317  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410  
Full text of H statements : see section 16

**Adverse physicochemical, human health and environmental effects**

May cause an allergic skin reaction. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) : Warning  
Hazardous ingredients : Fatty amine, ethoxylated  
Hazard statements (CLP) : H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H410 - Very toxic to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P261 - Avoid breathing mist/vapours.  
P280 - Wear protective gloves and eye protection/face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste  
EUH-statements : EUH210 - Safety data sheet available on request.  
EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

**2.3. Other hazards**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

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This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	Conc (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Fatty amine, ethoxylated	(CAS-No.) 61791-26-2 (EC-No.) 500-153-8	10 - 20	Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-ethylhexan-1-ol	(CAS-No.) 104-76-7 (EC-No.) 203-234-3 (REACH-no) 01-2119487289-20	5 - 10	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Polyoxyethylene sorbitol fatty acid ester	(CAS-No.) 63089-86-1	5 - 10	Skin Irrit. 2, H315
Nicosulfuron (ISO)	(CAS-No.) 111991-09-4	5 - 10	Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)
Calcium alkylbenzenesulfonate	(CAS-No.) 90194-26-6 (EC-No.) 290-635-1	< 3	Skin Irrit. 2, H315 Eye Dam. 1, H318
Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl, chlorides	(CAS-No.) 61789-80-8 (EC-No.) 263-090-2	0.1 - 0.5	Eye Dam. 1, H318 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Consult a doctor/medical service if you feel unwell.
First-aid measures after inhalation	: Move the affected person to the fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact	: Wash skin with mild soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Do not apply (chemical) neutralizing agents. Consult an eye specialist.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth out with water. Do not give an unconscious person anything to drink. Consult a doctor/medical service if you feel unwell.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction. In case of repeated or prolonged exposure : Skin rash/inflammation.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Alcohol-resistant foam. Dry powder.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic and corrosive vapours may be released. Nitrous fumes. Sulphur oxides. Carbon monoxide. Carbon dioxide.

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Dilute toxic gases with water spray. Contain the extinguishing fluids by bunding (the product is hazardous for the environment).
Protection during firefighting	: Gloves. Protective non-flammable clothing. Heat/fire exposure: compressed air/oxygen apparatus.
Other information	: Do not dispose of fire-fighting water in the environment.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Keep away from naked flames/heat.

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### 6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

### 6.1.2. For emergency responders

Protective equipment : Protective gloves. Protective clothing. Concerning personal protective equipment to use, see section 8.

### 6.2. Environmental precautions

Contain the spilled material by bunding (product is hazardous for the environment). Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Prevent dispersion by covering with dry sand/earth. Shovel into suitable and closed container for disposal. Carefully collect remainder.

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

### 6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Do not discharge the waste into the drain.

Hygiene measures : Do not eat, drink or smoke when using this product. If on skin, take off contaminated clothing. Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : The floor of the depot should be impermeable and designed to form a water-tight basin.

Storage conditions : Keep the container hermetically sealed. Store in a dry place. Protect from heat and direct sunlight.

Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Special rules on packaging : Store in original container.

### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation.

#### Hand protection:

Protective gloves. PVC or other plastic material or natural rubber gloves. Breakthrough time : refer to the recommendations of the supplier

#### Eye protection:

Chemical goggles or face shield

#### Skin and body protection:

Chemical resistant safety shoes. complete protective suit against chemicals

#### Respiratory protection:

If the ventilation is suitable, it is not essential to wear respiratory equipment

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Off-white.

Odour : slight.

Odour threshold : No data available

pH : No data available

pH solution : 5.52 (1%)

Relative evaporation rate (butylacetate=1) : No data available

Melting point : Not applicable

Freezing point : No data available

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Boiling point	: No data available
Flash point	: > 79 °C
Auto-ignition temperature	: 440 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.9776
Density	: 0.9776 g/ml (20%)
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 78 - 515 mPa·s (40°C ± 0.5°C)
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available
<b>9.2. Other information</b>	
VOC content	: 0 %
Surface tension	: 32.2 mN/m (25 °C)
Surface tension	: 31.7 mN/m (40°C)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

No additional information available.

### 10.3. Possibility of hazardous reactions

No additional information available.

### 10.4. Conditions to avoid

Heat and ignition sources.

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

No additional information available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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LD50 oral rat	> 2000 mg/kg (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

#### Nicosulfuron (ISO) (111991-09-4)

LC50 inhalation rat (mg/l)	> 5.47 mg/l/4h
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#### Fatty amine, ethoxylated (61791-26-2)

LC50 inhalation rat (Dust/Mist - mg/l/4h)	≈ 0.27 mg/l/4h (OECD 403 method)
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#### 2-ethylhexan-1-ol (104-76-7)

LC50 inhalation rat (Vapours - mg/l/4h)	> 0.89 mg/l/4h
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Skin corrosion/irritation	: Not classified
Additional information	: Not irritating to rabbits on cutaneous application (OECD 404 method)
Serious eye damage/irritation	: Causes serious eye irritation.

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Additional information	: Irritating to rabbits on ocular application (OECD 405 method)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Additional information	: Sensitizer mouse (OECD 429 method)
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>Nicosulfuron (ISO) (111991-09-4)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	199 mg/kg bodyweight /day

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Acute aquatic toxicity	: Very toxic to aquatic life.
Chronic aquatic toxicity	: Very toxic to aquatic life with long lasting effects.

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ErC50 (other aquatic plants)	0.067 mg/l (Lemna gibba)
NOEC (acute)	0.01 mg/l

<b>Nicosulfuron (ISO) (111991-09-4)</b>	
LC50 fish 1	65.7 mg/l (96 H; Oncorhynchus mykiss (Rainbow trout))
EC50 Daphnia 1	90 mg/l (48 H; Daphnia magna)
ErC50 (algae)	71.17 mg/l (72 H; Pseudokirchneriella subcapitata)
ErC50 (other aquatic plants)	0.0027 mg/l (7 d; Lemna gibba)
NOEC chronic fish	10 mg/l (28 d; Oncorhynchus mykiss)
NOEC chronic crustacea	5.2 mg/l (21 d; Daphnia magna)

<b>Fatty amine, ethoxylated (61791-26-2)</b>	
LC50 fish 1	1 - 10 mg/l (96 Hours) (Leuciscus idus (golden orfe)) (Published data)
EC50 Daphnia 1	1 - 10 mg/l (48 Hours) (OECD 202 method)

#### 12.2. Persistence and degradability

<b>Nicosulfuron (ISO) (111991-09-4)</b>	
Biodegradation	Not readily biodegradable

<b>2-ethylhexan-1-ol (104-76-7)</b>	
Persistence and degradability	Readily biodegradable.

#### 12.3. Bioaccumulative potential

<b>Nicosulfuron (ISO) (111991-09-4)</b>	
Log Pow	0.61
Bioaccumulative potential	Not potentially bioaccumulable.

<b>2-ethylhexan-1-ol (104-76-7)</b>	
BCF fish 1	38.06
Log Pow	2.9

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### 12.4. Mobility in soil

#### Nicosulfuron (ISO) (111991-09-4)

Log Koc	1.32
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### 12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available


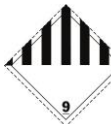
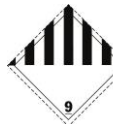
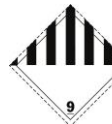
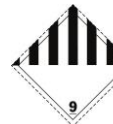
## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: waste instructions.
Product/Packaging disposal recommendations	: Do not dispose of with domestic waste. Dispose of in accordance with relevant local regulations.
Ecology - waste materials	: Do not contaminate ground and surface water.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

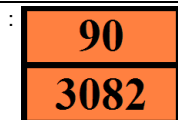
ADR	IMDG	IATA	ADN	RID
Special provision(s) applied : 375	Special provision(s) applied : 969	Special provision(s) applied : A197	Special provision(s) applied : 375	Special provision(s) applied : 375
<b>14.1. UN number</b>				
3082	3082	3082	3082	3082
<b>14.2. UN proper shipping name</b>				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron)	Environmentally hazardous substance, liquid, n.o.s. (Nicosulfuron)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron)
<b>Transport document description</b>				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Nicosulfuron), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nicosulfuron), 9, III
<b>14.3. Transport hazard class(es)</b>				
9	9	9	9	9
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				
<b>14.6. Special precautions for user</b>				
<b>Overland transport</b>				
Special provisions (ADR)	: 274, 335, 375, 601			

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Orange plates



EAC code

: •3Z

### Transport by sea

No data available

### Air transport

No data available

### Inland waterway transport

Classification code (ADN) : M6

Number of blue cones/lights (ADN) : 0

### Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 0 %

Directive 2012/18/EU (SEVESO III)

#### 15.1.2. National regulations

National regulation

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

Transport information.

Section	Changed item	Change	Comments
14.1	UN-No. (ADR)	Added	
14.6	Special provisions (ADR)	Modified	
14.6	Tunnel restriction code (ADR)	Modified	

### Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

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H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Irrit. 2	H319	On basis of test data
Skin Sens. 1	H317	On basis of test data
Aquatic Acute 1	H400	
Aquatic Chronic 1	H410	Expert judgment

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*