

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent**Product no.:** SC-147**Current version :** 1.0.0, issued: 22.10.2024**Replaced version:** -, issued: -**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****SENSENE™ Neo Modified Alcohol Based Solvent****UFI:****17F9-G15X-E00H-R46W****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Use in textile cleaning - industrial use

**Uses advised against**

Uses which are not mentioned in the relevant identified uses.

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

SAFE CHEM Europe GmbH

Tersteegenstr. 25

40474 Düsseldorf

Germany

Telephone no. +49 211 4389300

Fax no. +49 211 4389389

e-mail service@safechem.com

**Advice on Safety Data Sheet**

sds@safechem.com

**1.4 Emergency telephone number**

For medical advice (in German and English):

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

In case of transport incidents and other emergencies:

+44 (0) 1235 239 670 (NCEC, National Chemical Emergency Centre)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Asp. Tox. 1; H304

**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**

GHS08

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

Hydrocarbons, C11-C13, isoalkanes, &lt;2% aromatics

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent**Product no.:** SC-147**Current version :** 1.0.0, issued: 22.10.2024**Replaced version:** -, issued: -**Region:** GB**Hazard statement(s)**

H304 May be fatal if swallowed and enters airways.

**Hazard statements (EU)**

EUH066 Repeated exposure may cause skin dryness or cracking.

**Precautionary statement(s)**

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

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste facility.

**UFI:**

17F9-G15X-E00H-R46W

**2.3 Other hazards**

PBT assessment

The product is not considered to be a PBT.

vPvB assessment

The product is not considered to be a vPvB.

**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	<b>Hydrocarbons, C11-C13, isoalkanes, &lt;2% aromatics</b>		
	-	Asp. Tox. 1; H304	>= 60.00 - < 90.00 wt%
	920-901-0	EUH066	
	-		
	01-2119456810-40		
2	<b>Modified alcohol</b>		
	-	-	>= 10.00 - < 40.00 wt%
	-		
	-		
	-		

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

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

Adhere to personal protective measures when giving first aid. If the patient is likely to become unconscious, place and transport in stable sideways position. In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

**After inhalation**

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. If breathing is irregular or stopped, administer artificial respiration. Take medical treatment.

**After skin contact**

In case of contact with skin wash off immediately with soap and water.

**After eye contact**

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

**After ingestion**

Do not induce vomiting - aspiration hazard. Call a doctor immediately. Never give anything by mouth to an unconscious person.

# EU safety data sheet

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent

**Product no.:** SC-147

**Current version :** 1.0.0, issued: 22.10.2024

**Replaced version:** -, issued: -

**Region:** GB

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

### Effects

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## 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

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

#### Unsuitable extinguishing media

High power water jet

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

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide

### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Heat causes increase in pressure and risk of bursting. Cool closed containers exposed to fire with water. Containers close to fire should be transferred to a safe place. Product floats on the water surface and may reignite. Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Only engage trained and adequately protected personnel. Refer to protective measures listed in sections 7 and 8. Do not inhale vapours. Keep away from ignition sources.

#### For emergency responders

Personal protective equipment (PPE) - see section 8.

### 6.2 Environmental precautions

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

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

Prevent spread over a wide area (by containment with sand or earth). Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Pump off large amounts. Use explosion-proof apparatus and fittings. Prevent evaporation of the product by using suitable foam.

### 6.4 Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Provide good room ventilation even at ground level (vapours are heavier than air).

#### General protective and hygiene measures

Do not inhale vapours. Do not eat, drink or smoke during work time. After worktime and during work intervals the affected skin areas must be thoroughly cleaned. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin.

# EU safety data sheet

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent

**Product no.:** SC-147

**Current version :** 1.0.0, issued: 22.10.2024

**Replaced version:** -, issued: -

**Region:** GB

## Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations).

## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight.

### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

### Incompatible products

Substances to be avoided, see section 10.

## 7.3 Specific end use(s)

### Industry solution

For further information contact supplier.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No parameters available for monitoring.

### 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. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Self-contained breathing apparatus. Short term: filter apparatus.

Respirator A

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	chlorinated polyethylene (CPE)		
Appropriate Material	neoprene		
Appropriate Material	nitrile (NBR)		
Appropriate Material	Polyethylene		
Appropriate Material	ethyl vinyl alcohol laminate (EVAL)		
Appropriate Material	viton		
Appropriate Material	In case of short-term contact / splash protection:		
Material thickness	>	0.35	mm
Breakthrough time	>	60	min
Appropriate Material	In case of longer-term contact:		
Material thickness	>	0.35	mm
Breakthrough time	>	240	min

##### Other

Chemical-resistant work clothes.

##### Environmental exposure controls

Information regarding safe handling, see chapter 7. Information regarding waste disposal, see chapter 13.

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent**Product no.:** SC-147**Current version :** 1.0.0, issued: 22.10.2024**Replaced version:** -, issued: -**Region:** GB**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	
liquid	
<b>Colour</b>	
colourless	
<b>Odour</b>	
mild	
<b>pH value</b>	
Not applicable	
reason for missing pH	substance/mixture is non-polar/aprotic
<b>Boiling point / boiling range</b>	
Value	186 - 207 °C
Method	DIN EN ISO 3405
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	>= 61 °C
Method	DIN EN ISO 2719/A
<b>Ignition temperature</b>	
No data available	
<b>Auto-ignition temperature</b>	
Value	220 °C
Method	DIN 51794
<b>Oxidising properties</b>	
not oxidizing	
<b>Explosive properties</b>	
Product does not present an explosion hazard.	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
Value	36 g/m <sup>3</sup>
Method	DIN EN 1839
Source	at 100 °C
<b>Upper explosion limit</b>	
Value	7.0 % vol
<b>Vapour pressure</b>	
Value	0.042 kPa
Reference temperature	20 °C
<b>Relative vapour density</b>	
No data available	
<b>Relative density</b>	
No data available	
<b>Density</b>	
Value	0.78 g/ml
Reference temperature	20 °C

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent**Product no.:** SC-147**Current version :** 1.0.0, issued: 22.10.2024**Replaced version:** -, issued: -**Region:** GB

Method	DIN EN ISO 12185
<b>Solubility in water</b>	
No data available	
<b>Solubility</b>	
No data available	
<b>Partition coefficient n-octanol/water (log value)</b>	
No data available	
<b>Kinematic viscosity</b>	
No data available	
<b>Particle characteristics</b>	
No data available	

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

Hazard of decomposition at higher temperatures. Protect from heat and direct sunlight. Do not distill to dryness.

**10.5 Incompatible materials**

strong acids; strong bases; strong oxidizing agents

**10.6 Hazardous decomposition products**

Aldehydes; Ketones; organic acids

**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	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA / Read across		
Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA / Read across		
Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
LC50	>	4951	mg/l

# EU safety data sheet

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent

**Product no.:** SC-147

**Current version :** 1.0.0, issued: 22.10.2024

**Replaced version:** -, issued: -

**Region:** GB

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

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
Species	rabbit		
Method	OECD 404		
Source	ECHA / Read across		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
Species	rabbit		
Method	OECD 405		
Source	ECHA / Read across		
Evaluation	non-irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA / Read across		
Evaluation	non-sensitizing		

Germ cell mutagenicity	
No data available	

Reproduction toxicity	
No data available	

Carcinogenicity	
No data available	

STOT - single exposure	
No data available	

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
Route of exposure	oral		
NOAEL	>	1000	mg/kg bw/d
Species	rat		
Method	OECD 408		
Source	ECHA / Read across		

Aspiration hazard	
No data available	

Endocrine disrupting properties	
No data available	

## 11.2 Information on other hazards

### Other information

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent**Product no.:** SC-147**Current version :** 1.0.0, issued: 22.10.2024**Replaced version:** -, issued: -**Region:** GB

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
LL50	>	1000	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA / Read across		

Toxicity to fish (chronic)			
No data available			

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
EC50	>	1000	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA / Read across		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
NOELR		1	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
EL50	>	1000	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA / Read across		

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	920-901-0
NOELR	>	1000	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		

Bacteria 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**

Results of PBT and vPvB assessment	
Product Name	
SENSENE™ Neo Modified Alcohol Based Solvent	



**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent**Product no.:** SC-147**Current version :** 1.0.0, issued: 22.10.2024**Replaced version:** -, issued: -**Region:** GBPBT assessment  
vPvB assessmentThe product is not considered to be a PBT.  
The product is not considered to be a vPvB.**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.

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

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 UN number or ID number**

Not classified as dangerous in the meaning of transport regulations.

**14.2 UN proper shipping name**

Not classified as dangerous in the meaning of transport regulations.

**14.3 Transport hazard class(es)**

Not classified as dangerous in the meaning of transport regulations.

**14.4 Packing group**

Not classified as dangerous in the meaning of transport regulations.

**14.5 Environmental hazards**

Not classified as dangerous in the meaning of transport regulations.

**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.

**Trade name:** SENSENE™ Neo Modified Alcohol Based Solvent**Product no.:** SC-147**Current version :** 1.0.0, issued: 22.10.2024**Replaced version:** -, issued: -**Region:** GB**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

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

**Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)**

VOC content 100.00 %

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

**15.2 Chemical safety assessment**

Chemical safety assessments have been conducted for the substances in this mixture. For a mixture a chemical safety assessment according to (EC) 1907/2006 is not mandatory.

**SECTION 16: Other information****Further information**

™ Trademark of SAFE CHEM

**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

**Creation of the safety data sheet**

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

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.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.

Prod-ID 804252