

1) IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**1.1 Product identifier:**

Product name: ENVIRA KNABBER SPRAY

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

It is used as repellent for cats and dogs.

1.3 Details of the Supplier of the Safety Data Sheet**Manufacturer :**

Name: Chrysamed Kimya San. Ve Dış. Tic. Ltd. Şti.

Address: Mustafa Kemal Atatürk Mah. Aydın Cad. No: 132 Torbalı / İZMİR-TÜRKİYE

Phone: +90 232 865 12 13

E-mail: info@chrysamed.com

Importer:

Name : Envira GmbH

Address: A-5020 Salzburg Austria Karl-Emminger Str. 14-16

Phone: +43 662 621020

E-mail : www.envira.eu

1.4 Emergency telephone numbers:

Austria 043 662 621020

Turkey +90 232 865 12 13

Turkey +90 114

2) HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture****2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)**

This product is not classified as harmful.

2.1.2 Additional information

For full text of Hazard and EU Hazard-statements: see SECTION 16.

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

This product is not classified as harmful.

Signal word:

A warning statement is not required.

Hazard statements:

This product is not classified as harmful.

Precautionary statements:

P102: Keep out of reach of children.

P103: Read label before use.

P233 Keep container tightly closed.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P404 Store in a closed container.

P410 Protect from sunlight.

P501: Dispose of contents / container in accordance with local regulations.

2.3. Other hazards

EUH208: The product contains mandarin oil and lemon peel oil, may cause an allergic reaction.

3) COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances****3.2. Mixtures**

Substance	CAS No	EINECS No	Concent. (%)	Classification according to Regulation (EC) No 1272/2008 (CLP)
Capsium	8023-77-6	283-256-8	% 0,5	Acute tox. 4: H302 Skin Irrit. 2: H315 Eye Irrit. 1: H318.
Isopropanol	67-63-0	200-661-7	%1	Flam. Liq. 2: H225 Eye Irrit. 2: H319 STOT SE 3: H336
Mandarin oil	8008-31-9	284-521-0	%0,2	Flam. Liq. 3: H226 Asp. Tox. 1: H304 Skin Irrit. 2: H315 Skin Sens. 1: H317 Aqu. Chron. 1: H410
Lemon Peel Oil	8008-56-8/84929-31-7	284-515-8	%0,2	Flam. Liq. 3: H226 Asp. Tox. 1: H304 Skin Irrit. 2: H315 Skin Sens. 1: H317 Aqu. Chron. 1: H410

The full text of all hazard statements are displayed in **section 16**.

4) FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: No special precautions are required. If there is a discomfort in the nose and throat as a result of inhalation, the affected person should be brought to fresh air. If the problem persists, consult a doctor with the label.

Ingestion: Rinse your mouth. DO NOT induce vomiting. If the problem persists, consult a doctor with the label.

Skin contact: No special precautions are required. Get medical attention if irritation persists.

Eye contact: Carefully rinse with water in several minutes. Remove contact lenses and continue to rinse.

If irritation persists, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Not expected to cause irritation.

Ingestion: Nausea or vomiting.

Skin contact: May cause an allergic reaction.

Eye contact: May cause mildly eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5) FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

This product is not flammable. Use foam, carbon dioxide or powder fire extinguisher case.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

Fire causes formation of toxic gases. Carbon dioxide (CO₂), carbon monoxide (CO).

5.3 Advice for firefighters

Special firefighting methods:

If there is not a risk, remove the product from the fire area. Quench with an appropriate fire extinguisher.

Special protective equipment for firefighters:

Face protection, protective gloves and helmet. Wear self-contained breathing apparatus and appropriate protective clothing.

6) ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in **Section 8** of the Safety Data Sheet. Avoid breathing gas and avoid contact with eyes and skin.

6.2 Environmental precautions

Avoid to release to the environment. Dispose of contents / container in accordance with local regulations.

Methods and material for containment and cleaning up

Small spillages:

Clean with absorbent material.

Great Spillages: Use dry sand or earth. Put contaminated waste into barrels/containers. Wash with water for a while to clear. Report immediately to authorities.

6.3 References to other sections

See **Section 8** for personal protection.

See **Section 11** for additional information on health hazards.

See **Section 13** for waste disposal.

7) HANDLING AND STORAGE

7.1. Precautions for safe handling

Read the instructions before use and follow the manufacturer's recommendations. Avoid contact with eyes and skin. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. After handling wash hands thoroughly with soap and water. Keep away from heat/sparks/open flames/hot surfaces. While using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Keep container at cool, dry and well-ventilated place and container tightly closed. Keep away from food, drink and feed. Including direct sunlight, protect from light. Keep away from heat, sparks, open flames.

Use explosion-proof electrical/ventilating/lighting/non-sparking equipment.

7.3. Specific end use(s)

The identified uses for this product are detailed in **Section 1.2**.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Isopropyl Alcohol (IPA) (67-63-0)		
	Local Name	Propan-2-ol
	WEL TWA (mg/m ³)	999 mg/m ³
	WEL TWA (ppm)	400 ppm
	WEL STEL (mg/m ³)	1250 mg/m ³
	WEL STEL (ppm)	500 ppm

8.1. Exposure controls

8.1.1. Appropriate engineering controls: Provide adequate ventilation. Observe Occupational Exposure Limits and do not inhale the smoke. Provide eyewash station.

8.1.2. Individual protection measures, such as personal protective equipment:



Respiratory protection: No specific recommendation made, but respiratory protection may be required under exceptional circumstances when excessive air pollution exist.

Hand protection: Wear appropriate protective gloves if there is a risk of direct contact with skin.

Skin Protection: Wear apron or protective clothing to prevent any possibility of skin contact.

Eye protection: Safety goggles or face shield should be used.

Hygiene measures: Remove the contaminated clothing. Use appropriate skin cream to prevent drying of the skin. Do not eat, drink or smoke while using the product.

9) PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	: Homogeneous liquid
Odor	: Characteristic
Color	: Light Orange
Density (@25°C)	: 0.995 ± 0.05 g/ml
pH (25°C)	: 7 ± 2
Flash point	: No information available
Melting Point / Freezing Point	: No information available
Boiling Point	: No information available
Evaporation Rate	: No information available
Flammability	: Non-flammable
Upper / Lower Flammability	: No information available
Vapor Pressure	: No information available
Vapor density	: No information available
Log Pow	: No information available
Flammability	: No information available
Decomposition Temperature	: No information available
Viscosity	: No information available
Explosive / Oxidizing Properties:	Not explosive.
Viscosity	: No information available
Solubility	: Soluble in water

9.2. Other information

No additional information available.

10) STABILITY AND REACTIVITY**10.1. Reactivity**

No dangerous reaction if the advice / instructions on storage and use are followed.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable at prescribed storage conditions.

10.3. Possibility of hazardous reactions

It does not cause dangerous reaction when usage and storage conditions are observed.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces.

10.5. Incompatible materials

Strong oxidizer and alkaline substance.

11) TOXICOLOGICAL INFORMATION

11.1.Information on toxicological effects

Acute toxicity:

Mandarin Oil :

p-Mentha-1,4-diene (99-85-4)

LD50 3850 mg/kg(oral/rat)

alpha-Pinene (80-56-8)

LD50 : 500 mg/kg (oral/rat)

Linalool (78-70-6)

LD50 : 2790 mg/kg (oral/rat)

Propan-2-ol:

LD50 > 2000 mg/kg (Oral, rat)

LD50 > 2000 mg/kg (Dermal, rabbit)

LD50 > 20 ml/L (inhalation, rat)

Inhalation: Not expected to cause irritation

Ingestion: Not expected to cause irritation

Skin contact: Product cause skin irritation.

Eye contact: Not expected to cause irritation

Respiratory or skin sensitization : May cause an allergic skin reaction.

Carcinogenicity : It is expected that there will be no cancer making effect.

Reproductive effects : No data available

Germ cell mutagenicity : No data available

Teratogenicity : No data available

STOT-single exposure : No data available

STOT-repeated exposure : No data available

Aspiration toxicity : No data available

12) ECOLOGICAL INFORMATION

12.1. Toxicity

It contains substances classified as hazardous to the environment along with the contents to be harmful to aquatic organisms.

12.1.1 Acute (short-term) toxicity:

Propan-2-ol:

Acute Fish Toxicity (LC50 96h): 8970-9280 mg/L

Acute Water Flea Toxicity (EC50 48h): 9714 mg/L

Acute Algae (EC50 72 h): > 2000 mg / L

12.2. Persistence and degradability: No information

12.3. Bioaccumulative potential: No information

12.4. Mobility in soil: No information

12.5. Results of PBT and vPvB assessment: No information

12.6. Other adverse effects: No information

13) DISPOSAL CONSIDERATIONS

General information:

The security precautions that are valid for use of the product should be considered while holding of the waste.

13.1. Waste treatment methods:

Dispose of waste in accordance with local regulations and debris.

14) TRANSPORT INFORMATION

14.1 UN Number (ADR/RID/ADN – IMDG – IATA)

It is not classified as hazardous.

14.2. UN proper shipping name

It is not classified as hazardous.

14.3. Transport hazard class(es) (ADR/RID/ADN – IMDG – IATA)

It is not classified as hazardous.

Transport Regulation:

It is not classified as hazardous.

14.4. Packing group (ADR/RID/ADN – IMDG – IATA)

It is not classified as hazardous.

14.5. Environmental hazards

Environmentally Hazardous Substance / Marine Pollutant: No.

14.6. Special precautions for user

No information

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code"

No information

15) REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Turkish Regulations:**

- ✓ Regulation on Classification, Labelling and Packaging of Dangerous Substance [O.J. 11.12.202013 – 28848 (Repeated)]
- ✓ Regulation on the Safety Data Sheets Relating to Hazardous Substances and Mixtures [O.J. 13.12.2014 – 29204]
- ✓ Regulation on the Carriage of Dangerous Goods by Road [O.J. 24.10.2013 –28803]
- ✓ Regulation on Biocidal Products [O.J. 31.12.2009 – 27449]

EU regulations:

- ✓ Regulation (EC) No 1272/2008 of The European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging (CLP) of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- ✓ Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- ✓ European Agreement Concerning the International carriage of Dangerous Goods by Road (ADR)
- ✓ <http://echa.europa.eu/information-on-chemicals>

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16) OTHER INFORMATION**Legal warning:**

This information relates to a specific product and is not available for use in combination with any process or with any other material. Do not use on other application (s) without consulting the manufacturer. Information about the product in this Safety Data Sheet has been compiled from knowledge of the individual components. The data given here is based on current knowledge and experience. This Safety Data Sheet analyzes the product in terms of safety requirements and does not give any guarantee of the properties for the product. Usage of the information remains under the sole responsibility of the user.

Abbreviations and acronyms:

ADR: European Agreement concerning the international Carriage of Dangerous Goods by Road.

RID: Regulations concerning the international railway transport of dangerous goods.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

IMDG: international Maritime Code for Dangerous Goods.

IATA: international Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EINECS: European Inventory of Existing Commercial Chemical Substances.

Concent.: Concentration of the substance.

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

PBT: Persistent, Bioaccumulative and Toxic.

VPvB: very Persistence and very Bioaccumulative.

Resources:

This SDS is prepared according to both the specific legislations on **Chapter 15** and the information provided by raw material suppliers.

Revision Comments:

All sections of this Safety Data Sheet has been revised due to the changing of the legislations.

Date of update: -



SAFETY DATA SHEET

ENVIRA KNABBER SPRAY

Regulation on the Safety Data Sheets Relating to Hazardous Substances and Mixtures
(RG: 29.05.2015 – Sayı: 830)

Document No:SDS.E-104

Release Date:22.01.2019

Revision No:00

Revision Date:

Page No:5 / 9



SAFETY DATA SHEET

ENVIRA KNABBER SPRAY

Regulation on the Safety Data Sheets Relating to Hazardous Substances and Mixtures
(RG: 29.05.2015 – Sayı: 830)

Document No:SDS.E-104

Release Date:22.01.2019

Revision No:00

Revision Date:

Page No:6 / 9



SAFETY DATA SHEET

ENVIRA KNABBER SPRAY

Regulation on the Safety Data Sheets Relating to Hazardous Substances and Mixtures
(RG: 29.05.2015 – Sayı: 830)

Document No:SDS.E-104

Release Date:22.01.2019

Revision No:00

Revision Date:

Page No:7 / 9
