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Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation")**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name: Oron 100 EC

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

Common uses: Industrial.

1.3 Details of the supplier of the safety data sheet

CTS Ltd. - AGRICA
4 Haharash Street,
Hod Hasharon 45240, Israel
P.O. Box 10 Tel-Aviv, Israel
Phone: +972-9-7626257
Fax: +972-9-7626327

E-mail address of person responsible for this SDS: erezbn@cts.co.il

1.4 Emergency telephone number

Emergency telephone number (with hours of operation): +972-9-7626333

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

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP):

Eye Dam. 1 H318
Skin Irrit. 2 H315
Repr. 2 H361d
Aquatic Chronic 2 H411

See section 16 for the full text of the H-statements declared above.

2.2 Label elements

Labelling in accordance with Regulation 1272/2008 (CLP)

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s):

H315: Causes skin irritation.
H318: Causes serious eye damage.
H361d: Suspected of damaging the unborn child.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

P201: Obtain special instructions before use.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

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

P308 + P313: IF exposed or concerned: Get medical advice/attention.

2.3 Other hazard

Not available

SECTION 3: Composition/information on ingredients

3.2 Mixtures:

Substance name	Identifiers	%	CLP Classification
Penconazole	CAS number: 66246-88-6 EC number: 266-275-6	5-15	Acute Tox. 4 H302 Aquatic Acute 1 H400 M=1 Aquatic Chronic 1 H410 M (Chronic)=1 Repr. 2 H361d
Cyclohexanone	CAS number: 108-94-1 EC number: 203-631-1	5-15	Flam. Liq. 3, H226 Acute Tox. 4 H302 Acute Tox. 4 H312 Acute Tox. 4 H332 Skin Irrit. 2 H315 Eye Dam. 1 H318
Dipropylene Glycol Monomethyl Ether	CAS number: 34590-94-8 EC number: 252-104-2	50-80	Not classified

See section 16 for the full text of the H-statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eyes contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Get medical attention.

Inhalation: Remove the victim from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.

Ingestion: **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects.

4.3 Indication of any immediate medical attention and special treatment needed

Not available

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable: Foam, carbon dioxide, dry powder or water spray.

Not suitable: Solid water stream.

5.2 Special hazards arising from the substance or mixture

Under fire conditions may emit toxic and irritating fumes.

5.3 Advice for firefighters

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Ventilate area of spill.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

6.4 Reference to other sections

See Section 1 for emergency contact information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapors, mist or gas. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep container tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, open flame and strong oxidizing agents. Keep in properly labeled containers.

7.3 Specific end use(s): N/A

SECTION 8: Exposure control/personal protection

8.1 Control parameters

Substance name	Occupational exposure limits
Dipropylene Glycol Monomethyl Ether	ACGIH-TLV 100 ppm (TWA), 150 ppm (STEL)
Cyclohexanone	ACGIH-TLV 20 ppm (TWA), 50 ppm (STEL) (skin)

8.2 Exposure controls

Engineering measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Person Protective measures

Respiratory protection: Suitable respirator. Be sure to use an approved/certified equipment or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety glasses.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Environmental exposure controls: Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Clear yellow liquid

Odour: N/A

Odour threshold: N/A

pH: 3.0-7.0

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: N/A

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Density: 982 gr/L

Solubility(ies): N/A

Partition coefficient Octanol/Water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Explosive properties: N/A

Oxidizing properties: N/A

9.2 Other information

N/A

SECTION 10: Stability and reactivity

10.1 Reactivity

Not available

10.2 Chemical stability

The product is stable under normal handling and storage conditions described in Section 7.

10.3 Possibility of hazardous reactions

Hazardous reactions are not expected, under normal conditions of storage and use.

10.4 Conditions to avoid

Extended contact with air or oxygen, heat, sparks, open flame, other ignition sources, and oxidizing conditions.

10.5 Incompatible materials

Air or oxygen. Moisture and humidity. Strong oxidizing agents.

Dipropylene Glycol Monomethyl Ether:

May react with oxygen to form peroxides.

10.6 Hazardous decomposition products

Other decomposition products: not available

In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Product/substance name	Test	Species	Dose
Penconazole	LD50, Oral	Rat	2125 mg/kg
	LD50, Administration onto the skin	Rat	> 3000 mg/kg
Cyclohexanone	LD50, Oral	Rat	1535 mg/kg (24h)
	LD50, Administration onto the skin	Rabbit	948 mg/kg
	LC50, Inhalation	Rat	8000 mg/l/4H
Dipropylene Glycol Monomethyl Ether	LD50, Oral	Rat	> 5000 mg/kg
	LD50, Administration onto the skin	Rat	> 9500 mg/kg
	LC50, Inhalation	Rat	> 275 ppm

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization: Not available

Germ cell mutagenicity: Not available

Carcinogenicity: Not available

Reproductive toxicity: Suspected of damaging the unborn child.

Specific target organ toxicity (single exposure): Not available

Specific target organ toxicity (repeated exposure): Not available

Aspiration hazard: Not available

SECTION 12: Ecological information

12.1 Toxicity

Not available

12.2 Persistence and Degradability

Not available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

Not available

12.6 Other adverse effects

Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Product**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1 Un numberADR/RID: 3082IMDG: 3082IATA: 3082**14.2 Proper shipping name**ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Penconazole).IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Penconazole).IATA: Environmentally hazardous substance, liquid, n.o.s. (Penconazole).**14.3 Transport hazard class(es)**ADR/RID: 9IMDG: 9IATA: 9**14.4 Packing group**ADR/RID: IIIIMDG: IIIIATA: III**14.5 Environmental hazard**

Marine Pollutant: yes

14.6 Special precautions for user

Not available

14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code

Not available

SECTION 15: Regulatory information

This SDS complies with the following requirements of:
EU Regulation (EC) No.1907/2006 (REACH) including amendments
Regulation (EC) No.1272/2008 (CLP)

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

Not available

15.2 Chemical safety assessment

Not available

SECTION 16: Other information

Full text of Hazards Statements referred to in sections 2 and 3:

Eye Dam. - Serious eye damage
Flam.Liq.- Flammable liquid
Skin Irrit. - Skin irritation
Acute Tox. - Acute toxicity
Aquatic Acute - Hazardous to the aquatic environment
Aquatic Chronic - Hazardous to the aquatic environment
Repr. - Reproductive toxicity
H315: Causes skin irritation.
H318: Causes serious eye damage.
H361d: Suspected of damaging the unborn child.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H226: Flammable liquid and vapour.
H332: Harmful if inhaled.

Training advice: Before using/handling the product one must read carefully present SDS.

Key Legend Information:

CAS - Chemical Abstract Service
ACGIH - American Conference of Governmental Industrial Hygienists
OSHA - Occupational Safety and Health Administration
NTP - National Toxicology program
IARC - International Agency for Research on Cancer
N/A - Not available
H - statements- Hazard statements
TLV - Threshold Limit Value
TWA - Time-weighted average
STEL - Short-Term Exposure Limit
CSA - Chemical safety assessment

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Version	Date	Prepared by	Quality Auditor
1	22.03.18	M.H.	K.B.