SAUVAVAHA CT49

SAUVAVAHA CT49 SAFETY DATA SHEET

Date 25.4.2024
Previous date: 24.5.2020
Version 4.0

MSDS according to Regulation (EC) No 2020/878

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

1.1.1 Commercial Product Name: Boom wax CT49

1.1.2 Product code: UFI M300-Y067-P003-GP3E

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

1.2.1 Recommended use: Removing dirt, waxing the rod

1.3 Details of the supplier of the safety data sheet

1.3.1 Supplier

ENSTO FINLAND OY
ENSIO MIETTISEN KATU 2, P.O.BOX 77
06101 PORVOO, FINLAND
TEL. +358 204 76 21
ENSTO@ENSTO.COM
WWW.ENSTO.COM

1.4 Emergency telephone number

1.4.1 Telephone number, name and address

Poison Information Center, Finland +358 800 147111(the call is free of charge), and 09 471 977 . (24/7)
Emergency telephone number 112.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

(EY) nro. 1272/2008 [CLP/GHS]:
The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.
Physical hazards: Flammable solids Category 2 H228
Health hazards: Specific target organ toxicity, single exposure Category 3, narcotic effects H336

2.2 Label elements

Warning

H228 Flammable solid.
H336 May cause drowsiness or dizziness.
EUH066- Repeated exposure may cause skin dryness or cracking.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 Avoid breathing vapours.
P312Call a POISON CENTRE/doctor if you feel unwell.
P370+378 In case of fire: Use alcohol resistant foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Contains: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight. The mixture does not contain any substances having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1% by weight.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Substance name	CAS-, EC- or index number	REACH Registration No.	Concentration	Classification
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS 919-857-5	01-2119463258-33-0037	70-80 %	Flam. Liq. 3;H226, STOT SE 3;H336, Asp. Tox. 1;H304 EUH066
Carnauba wax	8015-86-9		10-15 %	Not classified
Polyethylene, oxidized	68441-17-8		1-5 %	Not classified

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Get medical attention.
Skin contact: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes.
Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion: Do not induce vomiting. Immediately rinse mouth and drink a cupful of water. Never give anything by mouth to a victim who is unconscious or is having convulsions. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause drowsiness or dizziness. Headache. Nausea, vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

General fire hazards: Flammable solid.
Water. Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2). Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition may produce smoke, oxides of carbon and lower molecular weight organic compounds whose composition have not been characterized.

5.3 Advice for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
Move containers from fire area if you can do it without risk. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. In the event of fire, cool tanks with water spray. Water runoff can cause environmental damage.

6.ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

6.3 Methods and material for containment and cleaning up

Extinguish all flames in the vicinity. Remove sources of ignition. Should not be released into the environment. Prevent entry into waterways, sewers, basements or confined areas.
Large Spills: Stop leak if you can do so without risk. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.
Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste.

6.4 Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof

general and local exhaust ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see section 10 of the SDS).

7.3 Specific end use(s)

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health

Components	Type	Value
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA	500 mg/m3

Other limit values

No information available.

DNEL

Relevant DNELs and other threshold levels

Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
DNEL	1.500 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
DNEL	300 mg/kg bw/ day	human, dermal	worker (industry)	chronic - systemic effects

PNEC

No information available.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Hygiene measures: When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Eye / face protection

Wear approved safety glasses or goggles. Wear face shield if there is risk of splashes. EN166 or EN ISO 16321-1 .

Skin protection

Wear suitable protective clothing and gloves.

Hand protection

Chemical resistant gloves are recommended.

Type of material FKM: fluoro-elastomer, Nitrile - breakthrough times of the glove material 0,4 mm >480 minutes (permeation: level 6)

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Use respiratory equipment with combination filter, type A2/P2. Respiratory protection should meet standard EN 14387.

Thermal hazards

Not applicable.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on cphysical and chemical properties

Appearance	**Wax, solid.**
Colour	**Yellow**
Odour	**Hydrocarbon-like.**
Odour threshold	**Not available**
pH	**Not available**
Melting point/freezing point	**Not available**
Initial boiling point and boiling range	**Not available**
Flash point	**> 38.0 °C Cleveland Closed Cup (Estimated)**
Evaporation rate	**Not available**
Flammability (solid, gas)	**Not available**
Upper/lower flammability or explosive limits	**Not available**
Vapour pressure	**Not available**
Vapour density	**Not available**
Relative density	**<1 g/cm3 (Estimated)**
Solubility(ies)	**Solubility (water) Negligible**
Partition coefficient: n-octanol/water	**Not available.**
Auto-ignition temperature	**Not available.**
Decomposition temperature	**Not available.**
Viscosity	**≤ 20.5 mm2/s (40°C)**
Explosive properties	**Not available.**
Oxidising properties	**Not available.**
Particle charasteristics	**Not available.**

9.2 Other information

9.2.1. Information with regard to physical hazard classes

No relevant additional information available.

9.2.2. Other safety characteristics
VOC 580g/l

10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4 Conditions to avoid

Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible materials

Strong oxidizing agents.

10.3 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11. TOXICOLOGICAL INFORMATION

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

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Vapors may cause drowsiness and dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Other information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure:
Inhalation: May cause drowsiness or dizziness.
Skin contact: Prolonged skin contact may cause temporary irritation.
Eye contact: Direct contact with eyes may cause temporary irritation.
Ingestion: May cause discomfort if swallowed.

11.2. Information on other hazards

Endocrine disrupting properties
This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
Other information None known.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

The product is insoluble in water. Expected to have low mobility in soil.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.

12.7. Other adverse effects

The product contains volatile organic compounds which have a photochemical ozone creation potential.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Residual waste
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Contaminated packaging
EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of

contents/container in accordance with local/regional/national/international regulations.
Disposal methods/information
Special precautions Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

14.1 UN number

UN3175

14.2 UN proper shipping name

Solids containing flammable liquid, n.o.s (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

14.3 Transport hazard class(es)

4.1

14.4 Packing group

II

14.5 Environmental hazards

No

14.6 Special precautions for user

Read safety instructions, SDS and emergency procedures before handling

14.7 Transport in bulk according to IMO instruments

Not applicaple.

15. REGULATORY INFORMATION

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

EU regulations
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended
Not listed.
Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended
Not listed.
Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended
Not listed.
Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended
Not listed.
Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended
Not listed.
Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.
Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended
Not listed.
Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA
Not listed.
Authorisations
Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended
Not listed.
Restrictions on use
Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended

- Conditions of restriction given for the associated entry number should be considered
Not listed.
Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
Not listed.
Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.
Not listed.
Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended
Not listed.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

16. OTHER INFORMATION

Indication of changes

Change in composition and classification

Abbreviations and acronyms

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
IMDG: International Maritime Dangerous Goods.
MAC: Maximum Allowed Concentration.
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TLV: Threshold Limit Value.
TWA: Time Weighted Average.
VLE: Exposure Limit Value.
VME: Exposure Average Value.
vPvB: Very persistent and very bioaccumulative.

Key literature references and sources for data

http://echa.europa.eu

Used method in evaluating classification

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

List of relevant safety and precautionary statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.

Training advice for workers

Follow training instructions when handling this material.