

SECTION 1 IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier:****Product name:** FAST CUT COMPOUND SOLL FAST 74**Product code:** SPP-74, SPP-74-250.**1.2. Relevant identified uses of the substance or mixture and uses advised against:** Polishing paste. For professional use only.**1.3. Details of the supplier of the safety data sheet:****Manufacturer/Distributor:**

UAB HELVINA

Parko str. 96, Ramučiai

LT 54464 Kaunas district

Lithuania

Tel.: +370 37308901

Fax: +370 37308902

E-mail: info@helvina.ltwww.helvina.lt**1.4. Emergency telephone number:**

Poison control and information office: Tel.: +370 5 236 2052 or +370 687 53378

SECTION 2 IDENTIFICATION OF THREATS**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aquatic Chronic 3 H412

2.2. Label elements**In accordance with Regulation (EC) No. 1272/2008:**

Not applicable.

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid release to the environment.

P501 Dispose of contents/ container - dispose of in accordance with local/ regional/ national/ international regulations.






Special labelling of certain mixtures:

EUH208 Contains tetramethylolacetylendiurea, Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one (EC no. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC No. 220-239-6) (3:1). May cause allergic reactions.

2.3. Other hazards





No information available.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances:** Not applicable. This product is a mixture.**3.2. Mixture:****Ingredients:** (Classification according to Regulation (EC) No. 1272/2008 [CLP])

CAS: 64742-47-8 EINECS: 926-141-6 Reg. no. 01-2119456620-43	hydrocarbons C11- C14, n-alkanes isoalkanes, cycloalkanes, <2% aromatics  Flam. Liq. 4, H227;  Asp. Tox. 1, H304; EUH066	1 - < 5 %
CAS: 64742-94-5 EINECS: 918-811-1 Reg. no. 01-2119463583-34	alkyl (C3-C5) benzenes  STOT SE 3, H336;  Asp. Tox. 1, H304;  Aquatic Chronic 2; H411; EUH066	1 - < 5 %
CAS: 5395-50-6 EINECS: 226-408-0	tetramethylolacetylendiurea Skin Sens. 1B, H317	< 1 %

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Reg. no. -		
CAS: 55965-84-9 EINECS: 247-500-7 ir 220-239-6 Index no.: 613-167-00-5 Reg. no. -	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one (EC no. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC No. 220-239-6) (3:1)  Acute Tox. 3, H331;  Acute Tox. 3, H311;  Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1, H317; Aquatic Acute 1, H400;  Aquatic Chronic 1; H410	< 0,1 %

Additional information: Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures.

General Comments:

Immediately change contaminated, saturated clothing.

INHALATION: Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

SKIN CONTACT: After contact with skin, wash immediately with polyethylene glycol, followed by the plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs, get medical advice / attention.

EYE CONTACT: Rinse opened eyes about 15 with plenty of water (remove contact lenses before). If symptoms continue to persist, consult a physician and show this container or label.

INGESTION: Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

SECTION 5 FIRE-FIGHTING MEASURES

5.1. Extinguishing media.

SUITABLE EXTINGUISHING MEDIA: foam, carbon dioxide (CO₂), dry extinguishing powder. Co-ordinate fire-fighting measures to the fire surroundings.

UNSUITABLE EXTINGUISHING MEDIA: Water with full jet.

5.2. Special hazards arising from the substance or mixture.

Non-flammable. In case of fire may be liberated: carbon dioxide (CO₂), carbon monoxide, nitrogen oxides (NO_x). Vapors may form explosive mixtures with air.

5.3. Advice for fire-fighters.

In case of fire: Wear self-contained breathing apparatus.

Additional information:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

Use personal protection equipment.

6.2. Environmental precautions.

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling:

Provide adequate ventilation. Do not breathe gas / fumes / vapor / spray.

Fire and explosion prevention:

Keep away from sources of ignition. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage, including any incompatibilities:

Keep container tightly closed.

Advice on storage compatibility:

Keep in a cool, well-ventilated place away from highly flammable substances.

Further information on storage conditions:

Recommended storage temperature: 20°C.

7.3 Specific end use(s)

Fast cut compound.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

ALUMINIUM OXIDE, respirable dust (CAS: 1344-28-1)

Long-term value: 4 mg / m³

Short-term value: Not specified

GLYCEROL, mist (CAS: 56-81-5)

Long-term value: 10 mg / m³

Short-term value: Not specified

PNEC values

GLYCEROL, mist (CAS: 56-81-5)

Fresh water: 0,885 mg / l,

Marine water: 0,00885 mg / l,

Fresh water sediment: 3,3 mg / kg

Marine water sediment: 0,33 mg / kg

Soil: 0,141 mg / kg

DNEL values

ALUMINIUM OXIDE (CAS: 1344-28-1)

Inhalation	DNEL Long term-local	3 mg/m ³	(Worker)
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ALKYL (C3-C5) BENZENES (CAS: 64742-94-5)

Inhalation	DNEL Long term-systemic	151 mg/m ³	(Worker)
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Dermal	DNEL Long term-systemic	12.5 mg/kg bw/day	(Worker)
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Inhalation	DNEL Long term-systemic	32 mg/m ³	(Consumer)
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Dermal	DNEL Long term-systemic	7.5 mg/kg bw/day	(Consumer)
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Oral	DNEL Long term-systemic	7.5 mg/kg bw/day	(Consumer)
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GLYCEROL (CAS: 56-81-5)

Inhalation	DNEL Long term-local	56 mg/m ³	(Worker)
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Inhalation	DNEL Long term-local	33 mg/m ³	(Consumer)
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Oral	DNEL Long term-systemic	229 mg/kg bw/day	(Consumer)
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8.2 Exposure controls

Protective and hygiene measures:

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Personal protective equipment

RESPIRATORY PROTECTION: In case of inadequate ventilation wear respiratory protection

HAND PROTECTION: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special

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purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

EYE PROTECTION: Wear eye/face protection.

SKIN PROTECTION: Wear suitable protective clothing.

8.3. Environmental exposure controls:

No data available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES:**9.1. Information on basic physical and chemical properties:****General information:**

Appearance:	Paste
Colour:	Whitish
Odour:	Characteristic
pH value:	7,8
Melting / freezing point:	Not determined
Initial boiling point and boiling interval:	100 °C
Flash point:	> 70 °C.
Flammability:	
Solid:	Not determined
Gas:	Not applicable
Lower explosion limits:	1 vol. %
Upper explosion limits:	7 vol. %
Ignition temperature:	> 320 °C
Auto-ignition temperature (solid / gas):	Not determined / Not applicable
Decomposition temperature:	Not determined
Oxidizing properties:	Not oxidizing
Vapour pressure at 20 °C:	< 0.005 hPa
Density at 20 °C:	1,39 g/cm ³
Solubility in water:	366 g/l
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Viscosity at 20 °C (dynamic):	25000 - 30000 mPa·s
Vapour density:	Not determined
Evaporation rate:	Not determined
Solvent content:	16.62 %

9.2. Other information:

Solid content:	Not determined
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SECTION 10 STABILITY AND REACTIVITY**10.1. Reactivity:**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability:

The product is stable under storage at normal ambient temperature.

10.3. Possibility of hazardous reactions:

No known hazardous reactions.

10.4. Conditions to avoid:

Heat

10.5. Incompatible materials:

No further relevant information available.

10.6. Hazardous decomposition products:

No known hazardous decomposition products.

SECTION 11 TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects.****Acute toxicity:****LD/LC50 values relevant for classification:**

HYDROCARBONS, C11- C14, N-AKLKANES, ISOALKANES, CYCLOALKANES , < 2% AROMATICS

Oral LD50 > 5000 mg / kg (rat) OECD 401

Dermal LD50 > 5000 mg / kg (rabbit) OECD 402

Inhalation LC50/4h > 5000 mg / l (rat) OECD 403

ALKYL (C3-C5) BENZENES (CAS: 64742-94-5)

Oral LD50 7050 mg / kg (rat)

Dermal LD50 > 2000 mg / kg (rabbit)

Inhalation LD50/4h > 4688 mg / l (rat)

MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE (EC NO. 247-500-7) AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (EC NO. 220-239-6) (3:1) (CAS: 55965-84-9)

Oral ATE 100 mg / kg

Dermal ATE 300 mg / kg

Inhalation vapour ATE 3 mg / l

Inhalation aerosol ATE 0.5 mg / l

Irritation and corrosivity

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

Sensitising effects

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

STOT-single exposure

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

Carcinogenic / mutagenic / toxic effects for reproduction

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

Aspiration hazard

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

SECTION 12 ECOLOGICAL INFORMATION**12.1. Toxicity:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Aquatic toxicity:

HYDROCARBONS, C11- C14, N-AKLKANES, ISOALKANES, CYCLOALKANES , < 2% AROMATICS

Acute fish toxicity LC50 >1000 mg/l 96 h Oncorhynchus mykiss (Rainbow trout)

Acute algae toxicity ErC50 >1000 mg/l 72 h Pseudokirchneriella subcapitata

Acute crustacea toxicity EC50 >1000 mg/l 48 h Daphnia magna (Big water flea)

ALKYL (C3-C5) BENZENES (CAS: 64742-94-5)

Acute fish toxicity LC50 2 - 5 mg/l 96 h Oncorhynchus mykiss (Rainbow trout)

Acute crustacea toxicity EC50 3 - 10 mg/l 48 h Daphnia magna (Big water flea)

TETRAMETHYLOLACETYLDIUREA (CAS: 5395-50-6)

Acute fish toxicity LC50 17,6 mg/l 96 h (Brachydanio rerio) OECD 203

Acute algae toxicity ErC50 8,5 mg/l 72 h (Grunalge) OECD 201

Acute crustacea toxicity EC50 38,9 mg/l 48 h (Daphnia magna) OECD 202

Algae toxicity NOEC 3,93 mg/l 3 d

Crustacea toxicity NOEC 11,2 mg/l 21 d (Daphnia magna) OECD 203

Acute bacteria toxicity (> 1000) mg/l 0,5 h (activated sludge) OECD 209

MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE (EC NO. 247-500-7) AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (EC NO. 220-239-6) (3:1) (CAS: 55965-84-9)

Acute fish toxicity LC50 0,22 mg/l 96 h Oncorhynchus mykiss (Rainbow trout) OECD 203

Acute algae toxicity ErC50 0,048 mg/l 72 h Pseudokirchneriella subcapitata OECD 201

Acute crustacea toxicity EC50 0,1 mg/l 48 h (Daphnia magna) OECD 202

Fish toxicity NOEC 0.098 mg/l/28d Oncorhynchus mykiss (Rainbow trout) OECD 210

Algae toxicity NOEC 0.0012 mg/l 3 d Pseudokirchneriella subcapitata OECD 201

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Crustacea toxicity NOEC 0.004 mg/l 21 d (Daphnia magna) OECD 211
Acute bacteria toxicity (7,92 mg/l 3 h (activated sludge) OECD 209

12.2. Persistence and degradability:

HYDROCARBONS, C11- C14, N-AKLKANES, ISOALKANES, CYCLOALKANES , < 2% AROMATICS

Biodegradation 69 % (readily biodegradable) (OECD criteria, 28 d.)

TETRAMETHYLOLACETYLDIUREA (CAS: 5395-50-6)

Biodegradation > 70 % (readily biodegradable) (OECD criteria, 28 d.)

MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE (EC NO. 247-500-7) AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (EC NO. 220-239-6) (3:1) (CAS: 55965-84-9)

Biodegradation > 60 % (readily biodegradable) (OECD criteria)

12.3. Bio accumulative potential:

The product has not been tested.

TETRAMETHYLOLACETYLDIUREA (CAS: 5395-50-6)

Log Pow: -0.71

BCF: 1.41 (OECD 107)

MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE (EC NO. 247-500-7) AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (EC NO. 220-239-6) (3:1) (CAS: 55965-84-9)

BCF: 3.6

12.4. Mobility in soil:

The product has not been tested.

12.5. Results of PBT and vPvB assessment:

No further relevant information available.

12.6. Other adverse effects:

No further relevant information available.

Additional information:

Do not allow to enter into surface water or drains. Do not allow to enter into soil / subsoil.

SECTION 13 DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods:****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil / subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance self.

SECTION 14 TRANSPORT INFORMATION**14.1. UN number:**

ADR/RID, IMDG, IATA, ADN No dangerous good in sense of this transport regulation

14.2. UN proper Shipping Name:

ADR/RID, IMDG, IATA, ADN No dangerous good in sense of this transport regulation

14.3. Transport hazard class(es):**14.4. Packing group:**

ADR/RID, IMDG, IATA, ADN No dangerous good in sense of this transport regulation

14.5. Environmental hazards:

No

14.6. Special precautions for user:

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

No dangerous good in sense of this transport regulation

SECTION 15 REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18

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December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

DIRECTIVE 1999/45/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

COMMISSION 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, Authorisation and Restriction of Chemicals (REACH).

EU regulatory information

2010/75 / EU (VOC): 4,163 % (57,868 g / l),

2004/42 / EC (VOC): 8,289 % (115,216 g / l)

Subcategory according to Directive 2004/42/EC:

Additional information: To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions: Observe employment restrictions for young people.

Water contaminating class (D): 1 - slightly water contaminating.

Skin resorption / sensitization: Causes allergic hypersensitivity reactions.

15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 OTHER INFORMATION**Relevant phrases:**

H227 Combustible liquid.

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

H336 May cause drowsiness or dizziness.

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.

H412 Harmful to aquatic life with long-lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains tetramethylolacetylendiurea, Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one (EC no. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC No. 220-239-6) (3:1). May cause allergic reactions.

Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

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DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.