

SECTION 1: Identification of the substance/mixture and of the company**1.1 Product identification:**

Product name: K2in1 Rubbing Polish Compound

Product number: 852-1898

1.2. Relevant identified use of the substance/mixture

Intended use: Rubbing compound

1.3. Contact data of the company issuing the material safety data sheet:

Kovax Europe B.V.

Bedrijvenpark Twente 49

7602 KC Almelo

The Netherlands

Phone: +31 53 434 31 31

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SECTION 2: Hazard(s) identification**2.1 Classification of the substance or mixture:**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).

However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with

appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.

Hazard classification and indication:

2.2 Label elements

Hazard pictograms: None

Signal words: None

Hazard statements:

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH210 Safety data sheet available on request.

Precautionary statements: None

2.3 Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3: Composition/information on ingredients
3.1 Substances

Information not relevant.

3.2 Mixtures

HYDROCARBONS, C12-C15, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS					
CAS-number	CE-number	INDEX	Reg. no.	Conc. %.	Classification 1272/2008 (CLP).
-	920-107-4	-	01-2119453414-43	5 - 9	H304, EUH066 Asp. Tox. 1

HYDROCARBONS, C11-C13, ISOALKANES, < 2% AROMATICS					
CAS-number	CE-number	INDEX	Reg. no.	Conc. %.	Classification 1272/2008 (CLP).
90622-58-5	920-901-0	-	01-2119456810-40	1 - 5	H304, EUH066 Asp. Tox. 1

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC; BASEOIL - UNSPECIFIED					
CAS-number	CE-number	INDEX	Reg. no.	Conc. %.	Classification 1272/2008 (CLP).
64742-53-6	265-156-6	649-466-00-2	1-21194847077-27	1 - 5	H304, Note L Asp. Tox. 1

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4: First-aid measures
4.1 Description of first aid measures

EYES:	Remove contact lenses, if present Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.
SKIN:	Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.
INGESTION:	Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by the contained substances, see chap. 11.

4.2 Indication of any immediate medical attention and special treatment needed

Information not available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing equipment

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

Unsuitable extinguishing equipment

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions

5.2 Special hazards arising from the substance or mixture

Hazards caused by exposure in the event of fire

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3 Advice for fire-fighters

General information

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Special protective equipment for fire-fighters

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2 Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3 Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4 Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2 Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3 Specific end uses

Information not available.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Regulatory References:

ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
EU	OEL EU	Directive 2009/161/EU; Direc

tive 2006/15/EC; Directive
 2004/37/EC;
 Directive 2000/39/EC.

IDROCARBURI C12-C15 N-ISO-ALCANI CICLICI <2% AROMATICI

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
OEL	EU	200	-	-	-	

IDROCARBURI C11-C13 ISOALCANI <2% AROMATICI

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
OEL	EU	1200	171			

DISTILLATI (PETROLIO), NAFTENICI LEGGERI 'HYDROTREATING'; OLIO BASE - NON SPECIFICATO

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
TLV	ITA	5	-	10	-	
OEL	IRL	36	10	72	20	SKIN
OEL	EU	36	10	72	20	
TLV-ACGIH		21	20			

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

8.2 Exposure controls

Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION	None required
SKIN PROTECTION	None required
RESPIRATORY PROTECTION	None required, unless indicated otherwise in the chemical risk assessment.
EYE PROTECTION	None required

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9: Physical and chemical properties

Appearance	paste
Colour	grey
Odour	aromatic
Odour threshold.	Not available.
pH.	Not available.
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 60 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	1,090 Kg/l
Solubility	partially soluble in water
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

VOC (Directive 1999/13/EC) : 13,09 % - 142,72 g/litre.

VOC (volatile carbon) : 12,49 % - 136,19 g/litre.

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

The product may react exothermically on contact with strong oxidising or reducing agents, strong

acids or bases.

10.2. Chemical stability.

Excessively high temperatures can cause thermal decomposition.

10.3. Possibility of hazardous reactions.

See paragraph 10.1.

10.4. Conditions to avoid.

Avoid overheating.

10.5. Incompatible materials.

Oxidising or reducing agents. Strong acids or bases.

10.6. Hazardous decomposition products.

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11: Toxicological information**11.1. Information on toxicological effects.**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product. This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure.

Idrocarburi C12-C15 n-iso-alcani ciclici <2% aromatici

LD50 (Oral).	> 5000 mg/kg ratto
LD50 (Dermal).	> 5000 mg/kg coniglio
LC50 (Inhalation).	> 4951 mg/m ³ ratto

Idrocarburi C11-C13 isoalcani <2% aromatici

LD50 (Oral).	> 5000 mg/kg ratto
LD50 (Dermal).	> 5000 mg/kg coniglio
LC50 (Inhalation).	> 5000 mg/m ³ ratto

Distillati (petrolio), naftenici leggeri 'hydrotreating'; Olio base - non specificato

LD50 (Oral).	> 5000 mg/kg ratto
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LD50 (Dermal). > 2000 mg/Kg coniglio
LC50 (Inhalation). > 5,53 mg/l 4h ratto

SECTION 12: Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

Idrocarburi C12-C15 n-isoalcani ciclici <2% aromatici

LC50 - for Fish. 1000 mg/l/96h Pesce
EC50 - for Crustacea. 1000 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic 1000 mg/l/72h Alga
Plants.

Idrocarburi C11-C13 isoalcani <2% aromatici

LC50 - for Fish. 1000 mg/l/96h Fish
EC50 - for Crustacea. 1000 mg/l/48h Crustacea
EC50 - for Algae / Aquatic 1000 mg/l/72h Algae
Plants.
Chronic NOEC for 1 mg/l
Crustacea.

Distillati (petrolio), naftenici leggeri 'hydrotreating'; Olio base - non specificato

LC50 - for Fish. > 100 mg/l/96h
EC50 - for Algae / Aquatic > 100 mg/l/72h
Plants.

12.2. Persistence and degradability.

Idrocarburi C11-C13 isoalcani <2% aromatici
Rapidly biodegradable.

12.3. Bioaccumulative potential.

Distillati (petrolio), naftenici leggeri 'hydrotreating'; Olio base - non specificato
Partition coefficient: noctanol/ > 3,5
water.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

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

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Contaminated packaging

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14: Transport information**14.1. UN number.**

Not applicable.

14.2. UN proper shipping name.

Not applicable.

14.3. Transport hazard class(es).

Not applicable.

14.4. Packing group.

Not applicable.

14.5. Environmental hazards.

Not applicable.

14.6. Special precautions for user.

Not applicable.

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

Information not relevant.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso category.

None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

None.

Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

Product not intended for uses provided for by Dir. 2004/42/CE.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16: Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Asp. Tox. 1	Aspiration hazard, category 1
H304	May be fatal if swallowed and enters airways.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

LEGEND:

ADR: European Agreement concerning the carriage of Dangerous goods by Road

CAS NUMBER: Chemical Abstract Service Number

CE50: Effective concentration (required to induce a 50% effect)

CE NUMBER: Identifier in ESIS (European archive of existing substances)

CLP: EC Regulation 1272/2008

DNEL: Derived No Effect Level

EmS: Emergency Schedule

GHS: Globally Harmonized System of classification and labeling of chemicals

IATA DGR: International Air Transport Association Dangerous Goods Regulation

IC50: Immobilization Concentration 50%

IMDG: International Maritime Code for dangerous goods

IMO: International Maritime Organization

INDEX NUMBER: Identifier in Annex VI of CLP

LC50: Lethal Concentration 50%

LD50: Lethal dose 50%

OEL: Occupational Exposure Level

PBT: Persistent bioaccumulative and toxic as REACH Regulation

PEC: Predicted environmental Concentration

PEL: Predicted exposure level

PNEC: Predicted no effect concentration

REACH: EC Regulation 1907/2006

RID: Regulation concerning the international transport of dangerous goods by train

TLV: Threshold Limit Value

TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.

TWA STEL: Shortterm exposure limit

TWA: Timeweighted average exposure limit

VOC: Volatile organic Compounds

vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation

WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
 2. Regulation (EU) 1272/2008 (CLP) of the European Parliament
 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
 4. Regulation (EU) 2015/830 of the European Parliament
 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

03.