Previous version: 18.06.2018 Version: 3.2.5./ EN Revision date: 07.07.2021 Revision: 2.0

Nailchemy®

SAFETY DATA SHEET

[In accordance with the criteria of Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)]

Section 1. Identification of the substancje/mixture and of the company/undertaking

1.1. Product identifier

Product name: NAIL PLATE CLEANSER - KIWI

KIWCLE

Product code:

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

Relevant identified uses: The liquid for degreasing nail plate

before styling. The liquid which removes sticky layer after nail

styling.

Uses advised against: Not determined.

1.3. Details of the supplier of the safety data sheet

Producer: Nailchemy Ltd., Unit E Thistle Park,

Address: Crossways Road, Bridgwater,

Somerset TA6 6LS UK

Telephone number: +44 1278459066

E-mail address: support@nailchemy.co.uk

Website: https://www.nailchemy.co.uk

1.4. Emergency telephone number

112

Section 2. Hazards identification

2.1. Classification of the substance or mixture

The mixture/substance meets the criteria for classification according to Regulation 1272/2008/EC (CLP):

H225 Flam. Liq. 2 Highly flammable liquid and vapour.

H319 Eye Irrit. 2 Causes serious eye irritation.

H336 STOT SE 3 May cause drowsiness or dizziness

2.2. Label elements





Signal word: **Danger**

Hazard statements:

H225 Flam. Liq. 2 Highly flammable liquid and vapour.

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H319 Eye Irrit. 2 Causes serious eye irritation.H336 STOT SE 3 May cause drowsiness or dizziness

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ventilating/lighting/ equipment.

P261 Avoid breathing dust/fume/ gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for

breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

Substances in product do not meet criteria for PBT or vPvB in accordance with Annex XIII of Regulation REACH

Substances in product do not have endocrine disrupting properties.

Section 3. Composition/information on ingredients

3.1. Substances Not applicable.

3.2. Mixtures

Chemical name	Concentrati on range [%]	CAS No.	EC No.	REACH Registration No.	Classification acc. to. 1272/2008/EC
Isopropyl alcohol (Propan-2-ol)	98.0 - 99.5	67-63-0	200-661-7	01-2119457558- 25-XXXX	Eye Irrit. 2 H319 Flam. Liq. 2 H225 STOT SE 3 H336

^{*} Full text od H-phrases is presented in section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General recommendations:

Provide the physician with the Safety Data Sheet.

Skin contact:

In case of clothes contamination - take off clothes. Wash skin with plenty of water for least 15 min. Wash contaminated clothing before reuse. If irritation occurs, consult a physician.

Eye contact:

Careful rinse eyes with plenty of running water, also under the eyelids, for least 15 minutes. Remove contact lenses. Avoid strong water stream because of the risk of mechanical damage to the cornea. If eye irritation persists, consult an ophthalmologist.

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Ingestion:

Do not induce vomiting. Rinse mouth with water. Give small amounts of water to drink. Do not give fluids to unconscious people. Get medical attention.

Inhalation:

Take the injured out of the place of exposure. Provide access to fresh air. If the case of symptoms, seek medical advice. Keep at rest in a position comfortable for breathing. If the injured person is not breathing, give artificial respiration and call a doctor.

4.2. Most import ant symptoms and effects, both acute and delayed

Skin contact:

Repeated exposure may cause skin dryness or cracking.

Eve contact:

Causes eye irrritation. Tearing, burning, redness. The following symptoms may occur: redness, tearing, pain in the eyes.

Ingestion:

Gastroenterological problems, vomiting.

Inhalation:

Headaches and dizziness. Nausea.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

Section 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide, dry extinguishing powders, extinguishing foam, water spray.

Unsuitable extinguishing media:

Do not use water in a full stream.

5.2. Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May form flammable/explosive vapour/air mixtures. Vapors are heavier than air and accumulate at the surface. Do not stay in the fire-endangered area without chemical-resistant clothing and a self-contained breathing apparatus. Tanks and other packages may explode when exposed to fire or high temperatures.

5.3. Advice for firefighters

Remove all sources of ignition. Use only non-sparking tools. Do not intervene without suitable protective equipment. Use self-contained breathing apparatus. Use complete protective clothing. Be careful extinguishing chemical products. Aviod contamination of the environment with water used to extinguish the fire. Fight fire from a sufficient distance and in a safe location.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personel

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Ventilate spill area and provide adequate ventilation. Use protective clothing. Use protective glasses. Evacuate people from danger zone. Avoid contact with skin and eyes. Avoid breathing vapours.

For emergency responders

Ventilate spill area. Use protective clothing. Use protective glasses. Avoid contact with skin and eyes. Avoid breathing vapours. In case of insufficient ventilation, wear self contained breathing apparatus.

6.2. Environmental precautions

Storage in a good ventilated places. Secure against spreading in the natural environment. Avoid discharge to the environment - surface water, groundwater and sewage system. Leaking containers store in good ventilated places. Secure inlets sewers using sand, earth or other appropriate barriers.

6.3. Methods and material for containment and cleaning up

Collect any spilled fluid with an absorbent material, for example clay or diatomaceous earth. Dispose of absorbent materials and residues in an authorized facility in accordance with national regulations. Clean contaminated area. Use clean, non-sparking tools to scoop up absorbed material. Clean clothes, tools and equipment after work.

For small spills, absorb or contain the liquid with sand, earth, or containment material. Collect with a shovel and place in a labeled container for further safe disposal.

Wash the contaminated area with plenty of water. Retain the washings as contaminated waste. In case of large spills, transfer to a labeled container for product recovery or disposal.

6.4. Reference to other sections

Personal protection equipment – Section 8. Waste disposal - Section 13.

Section 7. Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke during using the product. Avoid contact with eyes and skin. Avoid any leakage. Provide good ventilation exhaust ventilation. Provide eye showers and washes. Keep the unused container closed.

Use appropriate personal protection equipment. Warn employees about the dangers of handling the product. Wash hands during breaks and at the end of work. Take off contaminated clothing and wash it before putting it on again.

7.2. Conditions for safe storage, including any incompatibilities

The storage conditions:

Store in temperature 5°C - 30°C. Store in dry and well-ventilated rooms. Away from heat, sparks and open flames. Use mechanical ventilation. Store in tightly closed containers. Protect against frost, heat and sunlight. Store away from combustible and oxidizing materials.

7.3. Specific end use(s)

Apart from the uses mentioned in subsection 1.2 no other specific uses are stipulated.

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Section 8. Exposure controls/personal protection

8.1. Control parameters

<u>Isopropyl alkohol – CAS</u> 67-63-0

Chemical Name	CAS	OSHA PEL					
		Ppm	Mg/m3				
Propan-2-ol	67-63-0	400	980				
DNEL/DMEL (employess)							
Long-term - system	888 mg/kg						
Long-term - system	halation	500 mg/m3					
DNEL/DMEL (consuments)							
Long-term - system	319 mg/kg						
Long-term - system	89 mg/m3						
Long-term - system	gestion	26 mg/kg					
PNEC							
Aqua (fresh water)			140,9 mg/L				
Aqua (sea water)		140,9 mg/L					
Sediment (freshwat		552 mg/kg					
Sediment (seawate		552 mg/kg					
Soil		28 mg/L					
Sewege treatment p		2251 mg/L					
Occasional		140,9 mg/L					
ingestion			160mg/kg				

LEGAL BASIS: COMISSION DIRECTIVES 2000/39/EC, 2006/15/EC, 2009/161/EC, 2017/164/EC, 2019/1931/EC

8.2. Exposure control

Appropriate engineering controls:

Follow good industrial hygiene practice and safety recommendations, use only as directed. Wash hands thoroughly after each exposure to the product, before breaks and after work.

Provide eye washers and a safety shower. Wear impervious clothing such as gloves, apron, boots or a full protective suit to prevent any contact with the product.

Necessary general ventilation and local exhaust ventilation in order to remove vapours at source of their emission. Suction holes of local ventilation should be located at the working level or below and of general ventilation at the ceiling and on the floor. Ventilation systems must comply with the conditions determined due to the danger of fire or explosion.

Hand and body protection:

Wear protective clothing made of natural materials (cotton) or synthetic fibers. Wear appropriate protective gloves.

Use protective gloves, recommended material: nitrile / chloroprene. The exact break through time should be obtained from the glove manufacturer and must be observed. Gloves should be discarded and replaced if there is any sign of chemical breakthrough. Use proper glove removal technique (without touching the outer surface of the glove) to avoid skin contact with the product.

Eye/face protection:

Avoid contact with eyes by wearing protective glasses. Wear a protective face shield where splashing is possible.

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Respiratory protection:

If mechanical ventilation is not sufficient, use respiratory protection. In the case of product mists or when handling at elevated temperatures, it is recommended to use a protective mask with an appropriate combined filter.

Thermal hazards:

Not identified.

Environmental exposure controls:

Avoid discharge to the environment - surface waters, groundwater and sewage system.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid

Colour Colour depend on type

Odour Smell of alcohol

Melting point/freezing point Isopropyl alcohol – CAS 67-63-0: **-90 °C**Boiling point Or initial boiling point and Isopropyl alcohol – CAS 67-63-0: **82 °C**

boiling range

Flammbility No data available

Lower and Upper explosion limits Isopropyl alcohol – CAS 67-63-0:

Górna: 12,0 % obj. Dolna: 2,0 % obj.

Flash point Isopropyl alcohol – CAS 67-63-0: 12 °C

Auto-ignition temperature Isopropyl alcohol – CAS 67-63-0: 399 °C

Decomposition temperatureNo data available

pH Isopropyl alcohol – CAS 67-63-0: **7**

Kinematic viscosity Brak danych

Solibility Isopropyl alcohol – CAS 67-63-0: Totally soluble in

water (20°C). Solubility in other solvents: soluble

in most organic solvents

Partition coefficient n-octanol/water (lod Isopropyl alcohol – CAS 67-63-0: 0,05 (25°C)

value)

Vapour pressure Isopropyl alcohol – CAS 67-63-0: 50 °C – 26kPa

Density and/Or relative density Isopropyl alcohol – CAS 67-63-0: 787 kg/m³

Relative vapour density Isopropyl alcohol – CAS 67-63-0: 2,07 relative to

air

Particle characteristics (Only apply to solids)

No data available

9.2. Other information

Information with regard to physical hazard classes:

No additional test results.

Other safety characteristics

No additional information available.

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Section 10. Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal storage conditions.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Posiibility of hazardous reactions

Vapors may form explosive mixtures with air.

10.4. Conditions to avoid

During storage, avoid temperatures outside the range given in section 7. Avoid flames, heat, sparks and ignition sources. Avoid exposure to high temperatures or sunlight.

10.5. Imcompatibile materials

Strong oxidizers. Strong acids and bases.

10.6. Hazardous decomposition products

Carbon dioxide, carbon oxide and other organic compounds.

Section 11. Toxicological information

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

Acute toxicity of mixture:

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

Acute toxicity of components:

• <u>Isopropyl alkohol – CAS</u> 67-63-0

 $\begin{array}{ll} \mbox{Ingestion LD}_{50} & 5280 \ \mbox{mg/kg (rat)} \\ \mbox{Skin contact LD}_{50} & 12800 \ \mbox{mg/kg (Rat)} \\ \mbox{Inhalation LD}_{50} & 72,6 \ \mbox{mg/l (4h) (Rat)} \end{array}$

Skin corrosion/irritation:

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

Serious eye damage/irritation:

Causes eye irritation.

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

May cause drowssiness or dizziness.

STOT-repeated exposure:

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

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Aspiration hazard:

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

11.2. Information on other hazards

Endocrine disrupting properties

Substances in product do not have endocrine disrupting properties.

Other information

No additional information available.

Section 12. Ecological informations

12.1. Toxicity

Toxicity of components:

• <u>Isopropyl alkohol – CAS</u> 67-63-0

Fishes: LC₅₀ 9640 mg/l (96h) (*Pimephales promelas*)

Aquatic invertebrates: EC₅₀ 13299 mg/l (48h) (*Daphnia magna*)

Water plants: EC₅₀ 1000 mg/l (72h) (Scenedesmus subsicatus)

12.2. Persistence and degrability

• <u>Isopropyl alkohol – CAS 67-63-0</u>

Biodegradation 86 % (14 days); concentration 100mg/L

12.3. Bioaccumulative potential

• <u>Isopropyl alkohol – CAS 67-63-0</u>

 BCF
 3

 Log Pow
 0,05

 Potential
 low

12.4. Mobility in soil

• <u>Isopropyl alkohol – CAS</u> 67-63-0

Surface tension 2,24E-2 N/m (25 °C)

Koc 1,5
Adsorption/desorption Very high

12.5. Results of PBT and vBvP assessment

According to Annex XIII of Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH): The product does not fulfill the criteria for PBT (Persistent / bioaccumulative / toxic) and vPvB (very persistent / very bioaccumulative).

12.6. Endocrine disrupting properties

Substances in product do not have endocrine disrupting properties.

12.7. Other adverse effects

No additional information available.

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Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products:

Treat the waste as hazardous waste. Store the remains in original containers. Must be disposed of in accordance with local regulations.

Contaminated packaging:

Do not dispose of the product together with municipal waste, do not empty into the sewage system. Do not allow contamination of environment. The packaging, emptied of the remains of the product, must be sent to an appropriate landfill or for disposal in accordance with local regulations or returned to the supplier. Re-use of the packaging is not recommended.

The packaging, emptied of the remains of the product are a fire hazard. May contain remains of the product and high flammable vapours. May explode during contact with an ignition source. Do not cut, drill or weld near to containers. Used containers should be sent to an appropriate landfill or for incineration in accordance with applicable regulations.

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Section 14. Transport information

14.1. UN number or ID number

UN 1219

14.2. UN proper shopping name

ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3. Transport hazard class(es)

ADR/RID: IMDG: IATA: 3 3

14.4. Packing group

ADR/RID: IMDG: IATA: II

14.5. Environmental hazards

According to transport regulations, product is not a threat to the environment.

14.6. Special precautions for user

Eliminate all ignition sources (extinguish open fire, smoking ban, use non-sparking tools). Keep away from high temperature and ignition sources.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15. Regulatory information

15.1. Safety, health and environment al regulations/legislation specific for the substancje or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 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

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 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

- 3. Commission regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- 5. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
- Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
- 7. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
- 8. Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
- 9. European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)
- 10. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
- 11. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste
- 12. Commission regulation (EC) No 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII
- 13. Regulation (eu) 2016/425 of the european parliament and of the council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

15.2. Chemical safety assessment

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) it is not necessary to carry out a chemical safety assessment for the mixture.

Section 16. Other informations

Full text of H-phrases mentioned in section 3:

H319 Causes serious eye irritation.
H225 High flammable liquid and vapours.
H226 Flammable liquid and vapours.
H336 May cause drowsiness or dizziness

Clarifications of aberrations and acronyms:

Flam Liq. 2 High flammable liquid and vapours, category 2. Flam Liq. 3 Flammable liquid and vapours, category 3.

Eye Irrit. 2 Eye irritation, category 2.

STOT SE 3 Specific target organ toxicity – single exposure, category 3, respiratory tract

irritation.

CLP Classification, Labelling and Packaging

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

CAS No Chemical Abstracts Service number

EC Number European Chemical number: EINECS, ELINCS or NLP
EINECS European Inventory of Existing Chemical Substances
ELINCS European List of Notified Chemical Substances

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NLP "No–longer polymers"

PBT Persistent, Bioaccumulative and Toxic substance vPvB very Persistent, very Bioaccumulative substance

ADR The European Agreement concerning the International Carriage of Dangerous

Goods by Road

RID Regulations Concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

IATA International Air Transport Association

OSHA European Agency for Safety and Health at Work, EU-OSHA

PEL Permissible exposure limit

Literature references and data sources:

SDS from the different suppliers of the components.

Procedure used to derive classification according to Regulation (EC) No. 1272/2008:

Calculation method.

Revision:

Section 1–16: general revision of SDS, according to COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Trainings:

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Disclaimer:

While Nailchemy believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Nailchemy assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, and local laws, and regulations.

Nailchemy requires all Customers who receive this Safety Data Sheet to study it carefully in order to be informed of any dangers presented by the product. As far as security is concerned, the Customer should:

- Inform his employees, agents and sub-contractors of information contained in this form.
- Supply one copy of this form to each one of his own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customers.

This SDS cancel and replaces all previous versions.

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