

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier**Product Name:** HALO PREP & SCRUB**Product Code:** N2904-05**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** The liquid for degreasing nail plate before styling. The liquid which removes sticky layer after nail styling.**1.3 Details of the supplier of the safety data sheet****Company Name:** Pure NailsUnit 10 Saracen Close
Gillingham Business Park
Gillingham, Kent
ME8 0QN**Telephone:** 01634 671122**Website:** www.purenails.co**E-mail:** marketing@purenails.co**1.4 Emergency telephone number**

01634 671122

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture**Classification according to Regulation 1272/2008/EC (CLP):**

| | | |
|--------------|------|-------------------------------------|
| Flam. Liq. 2 | H225 | Highly flammable liquid and vapour. |
| Eye Irrit. 2 | H319 | Causes serious eye irritation. |
| STOT SE 3 | H336 | May cause drowsiness or dizziness |

GHS/CLP Classification:**Signal word: Danger****Hazard statements:**

| | | |
|--------------|------|-------------------------------------|
| Flam. Liq. 2 | H225 | Highly flammable liquid and vapour. |
| Eye Irrit. 2 | H319 | Causes serious eye irritation. |
| STOT SE 3 | H336 | 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 vapours.

P271 Use only outdoors or in a well-ventilated area.

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

2.2 Label Elements

NDA

2.3 Other Hazards

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

NDA

3.2 Mixtures

| Chemical name | Concentration range | CAS No. | EC No. | REACH Registration No. | Classification acc. 1272/2008/EC |
|-------------------|---------------------|-----------|-----------|------------------------|--|
| Isopropyl Alcohol | 98.0-99.5 | 67-63-0 | 200-661-7 | 01-2119457558-25xxxx | Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 |
| Parfum | 0.5-2.0 | N/E | - | - | - |
| CI 19140 | 0.0-0.1 | 1934-21-0 | 217-699-5 | - | - |
| CI 16255 | 0.0-0.1 | 2611-82-7 | 220-036-2 | - | - |
| CI 42090 | 0.0-0.1 | 3844-45-9 | 223-339-8 | - | - |

Full text of H-phrases is provided in section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures****Skin contact:**

Remove contaminated clothing immediately and wash skin with plenty of soap and water. If irritation persists, get medical attention.

Eye contact:

Rinse immediately with plenty of running water for at least 15 minutes. Remove contact lenses. Avoid strong stream of water due to the risk of mechanical damage to the cornea. If irritation persists, get medical attention.

Ingestion:

Rinse mouth thoroughly with water. Do not induce vomiting because of danger of aspirating liquid into lungs. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep the victim calm and warm. Get medical attention if any discomfort continues. If respiratory disorders occur, give artificial respiration and call a doctor immediately.

4.2 Most important symptoms and effects both acute and delayed**Skin contact:**

Repeated exposure may cause skin dryness or cracking.

Eye contact:

Causes serious eye irritation. The following symptoms may occur; redness, watering, eye pain.

Ingestion:

The following symptoms may occur: nausea, vomiting, stomach-ache, diarrhoea and narcotic symptoms.

Inhalation:

May cause drowsiness or dizziness. The following symptoms may occur; cough, dyspnoea, breathing difficulties, respiratory depression, disturbances of consciousness, loss of consciousness, coma.

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. Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media:**

Water spray, foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media:

Water jet.

5.2 Special hazards arising from the substance or mixture

During the combustion, harmful gases and vapours containing carbon oxides may be formed. Avoid breathing combustion products, because they can be hazardous to health. Highly flammable liquid and vapour. Vapours may form explosive mixtures with air. Vapours are heavier than air and accumulate near the ground and in

lower parts of room. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and a gas tight, anti-static protective clothing. Cool containers with water spray. Do not allow extinguishing water to enter drains, surface water and ground water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contamination. Wear suitable protective equipment. Avoid breathing vapours. Ensure adequate ventilation. Eliminate all ignition sources. Ensure that all equipment is electrically grounded. Use only non-sparking tools. Take precautionary measures against static discharge.

6.2 Environmental precautions

Keep the product away from drains, surface water, ground water and soil.

6.3 Methods and material for containment and cleaning up

Prevent entry into sewers. If possible, stop leak (close the liquid flow, seal, put damaged packages into tightly closed and appropriate labelled emergency container). Embank and pump large spills. Use water spray to disperse the vapours. Soak up small spills with inert solids (such as sand, diatomaceous earth, vermiculite), place in lockable containers for disposal. Rinse contaminated area with water.

6.4 Reference to other sections

Personal protection – see Section 8.

Waste disposal – see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate general and local exhaust ventilation. Keep away from high temperature and ignition sources. Avoid skin and eye contamination. Do not eat, drink or smoke when using this product. Avoid breathing vapours. Keep container closed when not in use. Remove contaminated clothing immediately. Wash contaminated clothing before reuse. Wash skin thoroughly with soap and water after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks, open flames, hot surfaces. Protect from direct sunlight.

7.3 Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

The product does not contain any components which are subject to control exposure in the workplace.

Legal basis: Commission Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

Please check any national occupational exposure limit values in your country.

DNEL for components:

| Chemical Name | Exposure Route | Population | Short-term exposure | Long-term exposure |
|-------------------|----------------|------------|---------------------|-----------------------|
| Isopropyl Alcohol | Dermal | Workers | - | - |
| | Oral | | - | 888 mg/kg/day |
| | Inhalation | | - | 500 mg/m ³ |
| | Dermal | Consumers | - | 26 mg/kg/day |
| | Oral | | - | 319 mg/kg/day |
| | Inhalation | | - | 89 mg/m ³ |

PNEC for components:

| Chemical name | Environment | Value |
|-------------------|------------------------|------------|
| Isopropyl Alcohol | Fresh water | 140,9 mg/l |
| | Sea Water | 140,9 mg/l |
| | Sediment (fresh water) | 552 mg/kg |
| | Sediment (sea water) | 552 mg/kg |

| | | |
|--|------|----------|
| | Soil | 28 mg/kg |
|--|------|----------|

8.2 Exposure controls

Appropriate engineering controls:

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 fibres. Wear appropriate protective gloves.

Recommended material: nitrile/chloroprene rubber (thickness $0,65 \pm 0,1$ mm, breakthrough time ≥ 480 min), nitrile rubber (thickness $0,4 \pm 0,05$ mm, breakthrough time ≥ 480 min), fluorocarbon rubber (thickness $0,7 \pm 0,1$ mm, breakthrough time ≥ 480 min), butyl rubber (thickness $0,3 \pm 0,05$ mm, breakthrough time ≥ 480 min).

Considering parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Gloves should be inspected prior to use. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Eye/face protection:

Wear safety glasses with side shields.

Respiratory protection:

If permissible concentrations are exceeded, use respiratory protective equipment with particle filter marked with white colour and a symbol of P2 and vapours filter marked with brown colour and the letter A. Combined filters AP may be used.

Environmental exposure controls:

Do not allow large amounts of product to enter drains, surface water, ground water and soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on physical and chemical properties

| | |
|--|--|
| Appearance: | Coloured liquid |
| Odour: | Alcoholic |
| Odour threshold: | 100 – 500 mg/m ³ (for isopropyl alcohol) |
| pH: | 7 (for isopropyl alcohol) |
| Melting point/freezing point: | – 88°C (for isopropyl alcohol) |
| Initial boiling point and boiling range: | 82 – 83°C (for isopropyl alcohol) |
| Flash point: | 12°C (for isopropyl alcohol) |
| Evaporation rate: | Not determined |
| Flammability (solid, gas): | Not applicable, liquid |
| Upper/lower flammability or explosive limits: | Upper/lower explosive limits: Upper: 12,0 vol % Lower: 2,0 vol % (for isopropyl alcohol) |
| Vapor pressure: | 43 hPa (20°C), 76 hPa (30°C) (for isopropyl alcohol) |
| Vapor density: | Relative to air: 2,07 (for isopropyl alcohol) |
| Relative density: | 0,78 – 0,79 (20°C) (for isopropyl alcohol) |
| Solubility: | Water (20°C): soluble. Other solvents: soluble in most organic solvents. |
| Octanol/water partitioning coefficient: | 0,05 (25°C) – literature data (for isopropyl alcohol) |
| Auto-ignition temperature: | 425°C (for isopropyl alcohol) |
| Decomposition temperature: | Not determined |
| Viscosity: | 2,86 mPa·s (15°C) (for isopropyl alcohol) |
| Explosive properties: | Vapours may form explosive mixtures with air. |
| Oxidizing properties: | Not expected based on molecular structure of isopropyl alcohol. |

9.2 Other information

No additional test results.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

See subsections 10.2. – 10.6.

10.2 Chemical stability

The product is stable under recommended conditions of storage and use

10.3 Possibility of hazardous reactions

Vapours may form explosive mixtures with air

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight

10.5 Incompatible materials

Aldehydes, amines, strong oxidizing agents, caustic substances, halogen derivatives, alkali metals. Reacts violently with strong oxidizing agents, lyes, amines, alkanolamines, aldehydes. Attacks iron, aluminium, Monel alloy.

10.6 Hazardous decomposition products

Unknown.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects**Acute toxicity of components:****Isopropyl Alcohol**

| | | |
|------------|--------|-----------------------------------|
| Oral | Man | LDL ₀ 5272 mg/kg |
| | Human | LDL ₀ 3570 mg/kg |
| | Human | TDL ₀ 223 mg/kg |
| | Rat | LD ₅₀ 5045 mg/kg |
| Dermal | Rabbit | LD ₅₀ 12800 mg/kg |
| Inhalation | Rat | LCL ₀ 4 godz.16000 ppm |

Acute toxicity of mixture:

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:

Causes eye irritation.

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:

May cause drowsiness or 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.

Health effects of exposure:**Skin contact:**

May cause irritation. Prolonged or repeated contact can defeat the skin and lead to irritation and/or dermatitis. May be absorbed through damaged skin.

Eye contact:

Vapours may cause eye irritation, redness, pain and blurred vision.

Ingestion:

May cause nausea, vomiting, stomach-ache, headache and dizziness, drowsiness.

Inhalation:

Inhalation of vapours may cause nausea, vomiting, headaches and dizziness, sore throat, cough, breathing difficulties, psychomotor agitation, motor skills disorders, disorders of consciousness. Exposure to high concentrations causes central nervous system depression.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

| | | | | | |
|----------------|-----------------------|------------------|------------|-----------------------|-----------------------------------|
| Acute toxicity | Fish | LC ₅₀ | 96 hours | 16,49640 – 11130 mg/l | <i>Pimephales promelas</i> |
| Acute toxicity | Fish | LC ₅₀ | 24 hours | > 5000 mg/l | <i>Carassius auratus</i> |
| Acute toxicity | Fish | LC ₅₀ | 48 hours | 8970 – 9280 mg/l | <i>Leuciscus idus melanotus</i> |
| Acute toxicity | Fish | LC ₅₀ | 24 hours | 7100 mg/l | <i>Rasbora heteromorpha</i> |
| Acute toxicity | Aquatic invertebrates | EC ₅₀ | 24 hours | > 10000 mg/l | <i>Daphnia magna</i> |
| Acute toxicity | Aquatic plants | EC ₅₀ | 72 hours | > 10000 mg/l | <i>Scenedesmus subspicatus</i> |
| Acute toxicity | Microorganisms | EC ₅₀ | 15 minutes | 22000 mg/l | <i>Photobacterium phosphoreum</i> |
| Acute toxicity | Microorganisms | EC ₅₀ | 16 hours | 1050 mg/l | <i>Pseudomonas putida</i> |
| Acute toxicity | Microorganisms | EC ₅₀ | 72 hours | 4930 mg/l | <i>Entosiphon sulcatum</i> |

12.2 Persistence and degradability

| | |
|-------------------|---------------------------------|
| Isopropyl Alcohol | Readily biodegradable in water. |
|-------------------|---------------------------------|

12.3 Bioaccumulative potential

| Chemical name | BCF | Log Pow | Bioaccumulative potential |
|-------------------|-----|---------|---------------------------|
| Isopropyl Alcohol | - | 0,05 | None |

12.4 Mobility in soil

| | |
|-------------------|--|
| Isopropyl Alcohol | When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. Biodegradable in the soil. |
|-------------------|--|

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

Unknown.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods**Disposal methods for the product:**

Do not dispose with municipal waste, do not empty into drains. The product must be taken to an authorised special waste incineration plant.

Disposal methods for used packaging:

Used containers should be emptied. Packaging may be reused or recycled after cleaning.

Legal basis: Directive 2008/98/EC, Directive 94/62/EC

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

ADR/RID: 1219

IMDG: 1219

IATA: 1219

14.2 UN Proper Shipping Name

ADR/RID: ISOPROPANOL
(ISOPROPYL ALCOHOL)

IMDG: ISOPROPANOL
(ISOPROPYL ALCOHOL)

IATA: ISOPROPANOL

14.3 Transport hazard class(es)

ADR/RID: 3

IMDG: 3

IATA: 3

14.4 Packing group

ADR/RID: II

IMDG: II

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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

1. 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
2. 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) 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).
4. 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
5. 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
6. 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
7. 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
8. European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR).
9. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
10. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

SECTION 16: OTHER INFORMATION

Full range of H-Phrases from Section 2 and 3.

| | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

Clarification of aberrations and acronyms:

| | |
|--------------|---|
| Eye Irrit. 2 | Eye irritation, category 2. |
| Flam. Liq. 2 | Flammable liquids, hazard category 2. |
| STOT SE 3 | Specific target organ toxicity – single exposure, category 3, narcotic effects. |
| CLP | Classification, Labelling and Packaging |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| CAS Number | 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 |

| | |
|------------------|---|
| NLP | No-longer polymers |
| PBT | Persistent, Bioaccumulative and Toxic substance |
| vPvB | very Persistent, very Bioaccumulative substance |
| DNEL | Derived No-Effect Level |
| PNEC | Predicted No-Effect Concentration |
| LD _x | Dose at which death of x % of test animals is observed |
| LC _x | Concentration at which death of x % of test animals is observed |
| LDL ₀ | Lowest published lethal dose |
| LCL ₀ | Lowest published lethal concentration |
| TDL ₀ | Lowest published toxic dose |
| EC _x | Concentration which may cause specific effects in x % of test animals |
| BCF | Bioconcentration factor |
| Log Pow | Logarithm of the octanol/water partition coefficient |
| 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 |

Key literature references and data sources:

SDS from the different suppliers of the components.

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

Calculation method.

Revision:

Section 1–16: general revision of SDS.

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/Statement of Liability:

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