

**PANEL DEGREASER**

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830 - United Kingdom (UK).

Version: 03

Revision: 24.10.2015
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1. SECTION 1: Identification of the substance/mixture and of the company/undertaking;

1.1 Product Identifier;

Product Name Panel Degreaser**Product Code:** 0110**Product Synonyms:** Naptha (Petroleum)

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

Product use Professional use only. Industrial applications**Use of the
Substance/mixture** Cleaning/degreasing.

1.3 Details of the supplier of the safety data sheet;

Churchill Paints Ltd
Riverdane Road, Eaton Bank Trading Estate,
Congleton, Cheshire, CW12 1PN
Tel. +44(0)1260 290666, Fax. +44(0)1260 290 444**e-mail address of
person responsible
for this SDS** sales@churchill-paints.co.uk

1.4 Emergency Telephone Number:

+44(0) 1260 290 666 (office hours only)

2. SECTION 2: Hazards identification;

2.1 Classification of the substance or mixture;

Product definition Substance**Classification In accordance with the Classification, Labelling and Packaging Regulation
(EC) No 1272/2008****Physical hazards** Flam. Liq. 1, H224**Health hazards** Asp. Tox. 1, H304

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Skin Irrit. 2, H315

Environmental hazards

Aquatic Chronic 2, H411

Most important adverse effects

May cause heritable genetic damage. Harmful: may cause lung damage if swallowed. Extremely flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended. See Section 16 for the full text of the H statements declared above. See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements**Hazard pictograms****Signal word**

Danger

Hazard statements

H224 - Extremely flammable liquid and vapour.
 H304 - May be fatal if swallowed and enters airways.
 H315 - Causes skin irritation.
 H340 - May cause genetic defects.
 H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements**Prevention**

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P260 - Do not breathe dust/fumes/gas/mist/vapours/spray.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

P303+361+353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+313 - IF exposed or concerned: Get medical advice/attention.

Storage

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

Disposal

Not applicable

Hazardous

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Ingredients Not applicable

Supplemental label elements Not applicable

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. Not applicable

2.3. *Other hazards* **PBT:** This product is not identified as a PBT/vPvB substance.

3. SECTION 3: Composition/information on ingredients

3.1 *Substances* Substance

<i>REACH Registration Number</i>	<i>Chemical name</i>	<i>% by wt.</i>	<i>CAS No.</i>	<i>EC No. (EINEC S)</i>	<i>Index No.</i>	<i>Classification Regulation (EC) No.1272/2008 [CLP]</i>
01-2119475133-43	NAPHTHA (PETROLEUM)	100	64742-49-0	265-151-9	649-328-00-1	Flam. Liq. 1, H224 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Aquatic Chronic 2, H411

The Full Text for all Hazard Statements on this SDS is displayed in Section 16.

4. SECTION 4: First aid measures

4.1 *Description of first aid measures*

Eye contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

Inhalation If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention immediately.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water.

Ingestion If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

**PANEL DEGREASER***Protection of first-aiders*

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2. Most important symptoms and effects, both acute and delayed*Eye contact*

There may be irritation and pain.

Inhalation

There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.

Skin contact

There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

Ingestion

Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

Delayed / immediate effects

There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

4.3. Indication of any immediate medical attention and special treatment needed*Notes to physician*

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Immediate / special treatment:

Eye bathing equipment should be available on the premises.

5. SECTION 5: Firefighting measures
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5.1. Extinguishing media*Suitable extinguishing media*

Carbon dioxide. Dry chemical powder. Alcohol resistant foam.

Unsuitable extinguishing media

Do not use water jet.

5.2. Special hazards arising from the substance or mixture

**PANEL DEGREASER***Hazards from the Mixture*

Highly flammable. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture.

Hazardous combustion products

Decomposition products may include the following materials:

Carbon dioxide
Carbon monoxide

5.3. Advice for firefighters*Protective actions during firefighting*

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire-exposed containers cool and disperse vapours. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

6. SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures***For non-emergency Personnel*

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Isolate leaks providing there is no additional risk to those performing this task. Personal protection equipment must be used to avoid direct contact with the spillage. Shut off all ignition sources. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

**PANEL DEGREASER****6.3. Methods and material for containment and cleaning up****Small spill**

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

7. SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1. Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-

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ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Not available.

8. SECTION 8: Exposure Controls/personal protection
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The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1. Control parameters

<i>Occupational exposure limits to be monitored in the work environment</i>					
<i>Ingredient name:</i>	<i>Comment (from EH40)</i>	<i>Time-weighted average – 8 hrs (TWA).</i>		<i>Short-term exposure limits – 15min (STELs)</i>	
		<i>ppm.</i>	<i>mg/m³</i>	<i>ppm.</i>	<i>mg/m³</i>
Naptha (Petroleum)	No data available	No data available	No data available	No data available	No data available

Comments are from HSE Guidance Note EH40/2005 Workplace exposure limits (WELs)

DNELs (Workers)

<i>Ingredient name:</i>	<i>Exposure</i>	<i>Short term</i>		<i>Long term</i>	
		<i>Systemic</i>	<i>Local</i>	<i>Systemic</i>	<i>Local</i>
Naptha (Petroleum)	<i>Oral</i>	No data available	No data available	No data available	No data available
	<i>Dermal</i>	No data available	No data available	No data available	No data available
	<i>Inhalation</i>	No data available	No data available	No data available	No data available

**PANEL DEGREASER***DNELs (General Population)*

<i>Ingredient name:</i>	<i>Exposure</i>	<i>Short term</i>		<i>Long term</i>	
		<i>Systemic</i>	<i>Local</i>	<i>Systemic</i>	<i>Local</i>
Naptha (Petroleum)	<i>Oral</i>	No data available	No data available	No data available	No data available
	<i>Dermal</i>	No data available	No data available	No data available	No data available
	<i>Inhalation</i>	No data available	No data available	No data available	No data available

PNEC

<i>Ingredient name:</i>	<i>Environmental sphere</i>	<i>PNEC value</i>
Naptha (Petroleum)	<i>Fresh water</i>	No data available
	<i>Marine water</i>	No data available
	<i>Fresh water sediment</i>	No data available
	<i>Marine water sediment</i>	No data available
	<i>Sewage Treatment</i>	No data available
	<i>Soil</i>	No data available

8.2 *Exposure controls:**Appropriate engineering controls*

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

8.3 *Individual protection measures, such as personal protective equipment (PPE)**Hygiene measures*

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.



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Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.



Skin protection

For hands, chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture that can provide information about the breakthrough time of the glove material.

For body, Personal protective equipment should be selected based on the task being performed and the risks involved.

For feet, appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.



Protective gloves



Overall



Safety boots

Respiratory Protection

Self-contained breathing apparatus must be available in case of emergency. Use air-fed respirator. Gas/vapour filter, type A: organic vapours (EN141).

Environmental exposure controls

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

9. SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Physical State

Liquid

Colour

Colourless

Odour

Characteristic

Odour threshold

Not available

pH

Not available

Melting point

Not available

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<i>Freezing point</i>	Not available
<i>Initial boiling point</i>	71C
<i>Boiling range</i>	>35C
<i>Flash point</i>	-24C
<i>Evaporation rate</i>	Not available
<i>Flammability (solid, gas)</i>	Not available
<i>Upper/lower Flammability or Explosive limits</i>	Not available
<i>Vapour pressure</i>	Not available
<i>Vapour density</i>	Not available
<i>Relative density</i>	0.728
<i>Solubility(ies)</i>	Not available
<i>Partition coefficient n-octanol/water</i>	Not available
<i>Auto-ignition temperature</i>	258C
<i>Decomposition temperature</i>	Not available
<i>Viscosity</i>	Not available
<i>Explosive properties</i>	Not available
<i>Oxidising properties</i>	Not available

10. SECTION 10: Stability and reactivity

10.1 Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical Stability:

This product is stable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

In a fire, hazardous decomposition products may be produced.

10.5 Incompatible materials

Keep away from: oxidising agents, strong alkalis, strong acids.

10.6 Hazardous decomposition products

Decomposition products may include the following materials: carbon monoxide, carbon dioxide and smoke.

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

<i>Ingredient name:</i>	<i>Acute toxicity test</i>	<i>Species</i>	<i>Dose</i>	<i>Exposure</i>
Naphtha (Petroleum)	<i>Oral – LD₅₀</i>	Rat	>2000 mg/kg bw	
	<i>Dermal – LD₅₀</i>	Rat	>2000 mg/kg bw	
	<i>Inhalation – LC₅₀</i>	Rat	13700 ppm	4 hrs

***Skin corrosion/
irritation***

There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

***Serious eye
damage/irritation***

There may be irritation and pain.

***Respiratory or
skin sensitization***

There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.

***Germ cell
mutagenicity***

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.

Reproductive toxicity

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

***Specific target
organ toxicity -
single exposure***

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

***Specific target
organ toxicity -
repeated exposure***

Based on available data, the classification criteria are not met, however, it does contain substances classified as dangerous with repeated exposure. For more information see section 3.

Aspiration hazard

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**PANEL DEGREASER****12. SECTION 12: Ecological Information****12.1. Toxicity**

<i>Ingredient name:</i>	<i>Acute toxicity test</i>	<i>Genus - Species</i>	<i>Dose</i>	<i>Exposure</i>
Naphtha (Petroleum)	<i>LC</i> ₅₀	Fish - Oncorhynchus mykiss (Rainbow Trout)	8.41 mg/L	96 hrs
	<i>EC</i> ₅₀	Crustacean - Daphnia magna (Water flea)	4.7 mg/L	48 hrs
	<i>EC</i> ₅₀	Algae - Pseudokirchneriella subcapitata	12.4 mg/L	72 hrs

12.2. Persistence and degradability

<i>Ingredient name:</i>	<i>Concentration</i>	<i>Duration of test</i>	<i>% Biodegradability</i>
Naphtha (Petroleum)	49 mg/L	28 days	0

12.3. Bioaccumulative potential

<i>Ingredient name:</i>	<i>BCF</i>	<i>Log P_{ow}</i>	<i>Potential</i>
Naphtha (Petroleum)	1.1 – 2.35	No data available	No data available

12.4. Mobility in soil

<i>Ingredient name:</i>	<i>K_{oc}</i>	<i>HLC</i> (Henry's law constant)	<i>Surface tension</i>
Naphtha (Petroleum)	No data available	No data available	71.7 m N/m

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Toxic to aquatic organisms.

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

Disposal methods The generation of waste should be avoided or minimised wherever possible. Disposal of this product, should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

European waste catalogue (EWC)

<i>Waste code</i>	<i>Description</i>
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances.

Packaging

<i>Waste code</i>	<i>Description</i>
15 01 04	Metallic cans

14. SECTION 14: Transport information

		<i>Land</i>	<i>Inland Waterways</i>	<i>Sea</i>	<i>Air</i>
		<i>ADR/RID</i>	<i>ADN</i>	<i>IMDG</i>	<i>ICAO</i>
14.1.	<i>UN number</i>	UN1268	UN1268	UN1268	UN1268
14.2.	<i>UN proper shipping name</i>	PETROLEUM DISTILLATES, N.O.S. (SPECIAL BOILING POINT SPIRIT 100/140)	PETROLEUM DISTILLATES, N.O.S. (SPECIAL BOILING POINT SPIRIT 100/140)	PETROLEUM DISTILLATES, N.O.S. (SPECIAL BOILING POINT SPIRIT 100/140)	PETROLEUM DISTILLATES, N.O.S. (SPECIAL BOILING POINT SPIRIT 100/140)
14.3.	<i>Transport.hazard.class(es)</i>	3	3	3	3
14.4.	<i>Packing group</i>	II	II	II	II
14.5.	<i>Environmental hazards Marine pollutant</i>	Yes	Yes	Yes	Yes

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14.6	<i>Special precautions for user</i>				
	<i>Tunnel restriction code</i>	D/E			
	<i>Transport category</i>	1			

15. SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation.

Not listed in Annex XIV.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Not applicable.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

16. SECTION 16: Other information
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This safety data sheet conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830.

Abbreviations and Acronyms

DNEL	-	Derived No Effect Level
PNEC	-	Predicted No Effect Concentration
EUH statement	-	CLP-specific Hazard statement
ADR	-	European agreement concerning the international carriage of dangerous goods by road.
IMDG	-	International maritime dangerous goods code.
IATA	-	International Air Transport Association.
ICAO	-	International Civil Aviation Organisation.
BCF	-	Bio Concentration Factor
LD ₅₀	-	Lethal Dose 50
CL ₅₀	-	Lethal Concentration 50
EC ₅₀	-	Effective Concentration 50
Log P _{ow}	-	Octanol-water partition coefficient
K _{oc}	-	Partition coefficient of organic carbon



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Full Text of

Physical Hazards

H224 - Extremely flammable liquid and vapour.

*Full Text of
Health Hazards*

H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.

*Full Text of
Environmental
Hazards*

H411 - Toxic to aquatic life with long lasting effects.

Disclaimer

The information contained in this safety data sheet is based on the state of knowledge and national legislation at the time of the 'revision date' shown on page 1. Further updates to this safety data sheet, in line with changes to legislation and technical knowledge, will be available from Churchill Paints or the Churchill website. Contact Churchill Paints for the latest revision. This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. It is the user's responsibility to ascertain the suitability of the product for a specific use. As the specific conditions-of-use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.
