SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: PICSCLEAN Degreasant

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

- Identified uses: Detergent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: PICS Ltd
- Address of Supplier: Unit 4
  Red Shute Hill Ind Estate
  Hermitage
  Newbury
  Berkshire
  RG18 9QL
  UK
- Telephone: +44 (0) 1635 202224
- Email: Info@picsuk.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1635 202224
  (office hours only Mon– Fri 08:00 – 17:30)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

- Physical hazards: Not classified.
- Health hazards: Eye Irrit. 2 – H319; Asp. Tox. 1 – H304.
- Environmental hazards: Not classified.

2.2 Label elements

- Hazard pictograms:



- Signal word: Danger.
- Hazard statements:
  H304 may be fatal if swallowed and enter airways.
  H319 causes serious eye irritation.
- Precautionary statements:
  P264 wash contaminated skin thoroughly after handling.
  P280 wear protective gloves/protective clothing/ eye protection/ face protection.
  P301+P310 IF SWALLOWED: Immediately call a poison centre/ doctor.
  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P331 do NOT induce vomiting
  P337+P313 if eye irritation persists: Get medical advice/attention.
  P405 store locked up.
  P501 dispose of contents/ container in accordance with national regulations.
- Supplemental label information: EUH066 repeated exposure may cause skin dryness or cracking.
- Contains: Distillates petroleum Hydrocarbon Light.
- Detergent labelling: ≥ 30% aliphatic hydrocarbons, < 5% non-ionic surfactants.
- Supplementary precautionary hazards:
  P264 wash contaminated skin thoroughly after handling.
  P405 Store locked up.

2.3 Other hazards

- This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition

3.2 Mixtures

Distillates Petroleum Hydrocarbon Light	**60-100%**
CAS Number: 64742-47-8 EC Number: 926-141-6	REACH registration number: 01-2119456620-43-XXXX
Classification	
Asp. Tox. 1 – H304	

Isotridecanol, Ethoxylated (2-5EO)	**1-10%**
CAS Number: 68439-45-2	
Classification	
Eye Dam. 1 – H318	

The full text of hazards statements is displayed in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation: Remove affected person to fresh air at once. Get medical attention.
- Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.
- Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
- Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
- Protection for first aiders: First aid personnel should wear appropriate protective equipment during any rescue.

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation: Vapours in high concentrations are anaesthetic. Symptoms following overexposure may include the following: Headache, fatigue, dizziness, central nervous system depression and irritation of nose, throat and airway.
- Ingestion: Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation, central nervous system depression, may cause stomach pain or vomiting and diarrhoea.
- Skin contact: Prolonged contact may cause redness, irritation and dry skin.
- Eye contact: May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes for the doctor: No specific recommendations.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.
- Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

- Hazardous combustion products: Oxides of carbon

5.3 Advice for firefighters

- Special protective equipment for firefighters: Wear positive-pressure self-contaminated breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions: For personal protection, see Section 8.

6.2 Environmental precautions

- Environmental Precautions: Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up: Wear protective equipment including gloves, goggles/ face shield, respirator, boots, clothing or apron as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

- Reference to other sections: For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Usage precautions: Avoid spilling. Provide adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

- Storage precautions: Store in tightly-closed, original container.

7.3 Specific end use(s)

- Specific end use(s) – The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Ingredient comments: No exposure limits known for ingredient(s).

8.2 Exposure controls

- Protective equipment:



- Appropriate engineering controls: Provide adequate general and local exhaust ventilation.
- Eye/face protection: The following protection should be worn. Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.
- Hand protection: The most suitable glove should be chosen in consultation with the glove supplier/ manufacturer, who can provide information about the breakthrough time of the glove material. Wear protective gloves made of the following material. Nitrile rubber, polyvinyl alcohol (PVA).
- Other skin and body protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
- Hygiene measures: Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. Do not smoke in work area.
- Respiratory protection: No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Red
Odour:	Characteristic
Odour threshold:	Not determined
pH:	Scientifically unjustified
Melting point:	Not determined
Initial boiling point and range:	Not determined
Flash point:	Not determined
Evaporation rate:	Not determined
Upper/lower flammability or Explosive limits:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.798-0.818 @ 25°C
Solubility(ies):	No information available
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Does not meet the criteria for classification as oxidising
Comments:	Information given in applicable to the product as supplied

9.2 Other information

- Other information: No information required.

SECTION 10: Stability and reactivity

10.1 Reactivity

- Reactivity: There are no known reactivity hazards associated with this product.

10.2 Chemical stability

- Stability: Stable at normal ambient temperatures.

10.3 Possibility of hazardous reaction

- Possibility of hazardous reactions: Does not decompose when used and stored as recommended. No potentially hazardous reactions known.

10.4 Conditions to avoid

- Conditions to avoid: Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

- Materials to avoid: Avoid contact with strong oxidising agents. Strong Acids.

10.6 Hazardous decomposition products

- Hazardous decomposition products: Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

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

Acute toxicity - oral

- Notes (Oral LD_{50}): Based on available data the classification criteria are not met.

Acute toxicity – dermal

- Notes (Dermal LD_{50}): Based on available data the classification criteria are not met.

Acute toxicity – inhalation

- Notes (Inhalation LC_{50}): Based on available data the classification criteria are not met.

Skin corrosion/irritation

- Animal data: Based on available data the classification criteria are not met.

Serious eye damage/irritation

- Serious eye damage/irritation: Based on available data the classification criteria are not met.

Respiratory sensitisation

- Respiratory sensitisation: Based on available data the classification criteria are not met.

Skin sensitisation

- Skin sensitisation: Based on available data the classification criteria are not met.

Germ cell mutagenicity:

- Genotoxicity: Based on available data the classification criteria are not met.

Carcinogenicity:

- Carcinogenicity: Does not contain any substances known to be carcinogenic.

Reproductive toxicity:

- Reproductive toxicity – development: Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity – Single exposure

- STOT – single exposure: No information available.

Specific target organ toxicity – repeated exposure

- STOT – repeated exposure: No information available.

Aspiration hazard

- Inhalation: Prolonged inhalation of high concentrations may damage respiratory system.
- Ingestion: Harmful. May cause lung damage if swallowed.
- Skin contact: Prolonged contact may cause dryness of the skin.
- Eye contact: May cause temporary eye irritation.
- Route of exposure: Ingestion inhalation skin and/or eye contact.
- Target organs: No specific target organs known.

Toxicological information on ingredients

Distillates petroleum hydrocarbon light

- Acute Toxicity – oral
  Acute toxicity oral (LD_{50} mg/kg): 5,000.0

- Acute Toxicity – dermal
  Acute toxicity dermal (LD_{50} mg/kg): 5,000.0

- Acute Toxicity – inhalation
  Notes (inhalation LC_{50}): LC50 (8h) >5000mg/m^3 rat OECD 403

- Skin corrosion/ irritation
  Animal data: Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema – Barely perceptible (1).

- Serious eye damage/ irritation
  serious eye damage/ irritation: Based on available data the classification criteria are not met.

- Respiratory Sensitisation
  respiratory sensitisation: Guinea pig: Not sensitising.

- Skin sensitisation
  Skin sensitisation: Guinea pig maximization test (GPMT) – Guinea pig: Not sensitising. Repeated exposure may cause skin dryness or cracking.

- Germ cell mutagenicity
  Genotoxicity – in vitro: Genome mutation – negative.
  Genotoxicity – in vivo: Based on available data the classification criteria are not met.

- Carcinogenicity
  Carcinogenicity: NOAEC >= 2200/1100 mg/m^3.

- Reproductive Toxicity
  Reproductive toxicity – fertility: NOAEL 750 mg/kg/day, oral, Rat F1
  Reproductive toxicity – development: NOAEL >= 5220 mg/m^3, inhalation, rat

- Specific target organ toxicity – Single exposure
  STOT – single exposure: Based on available data the classification criteria are not met.

- Specific target organ toxicity – repeated exposure
  STOT – repeated exposure: Based on available data the classification criteria are not met.

- Aspiration hazard
  Aspiration hazard: May be fatal if swallowed and enters airways.

Isotridecanol, Ethoxylated (2-5EO)

- Acute Toxicity – oral
  Acute toxicity oral (LD_{50} mg/kg): 5,050.0
  Species: Rat
  ATE oral (mg/kg)

- Acute Toxicity – dermal
  Acute toxicity dermal (LD_{50} mg/kg): 2,000.0
  Species: Rat

Oleoyl Sarcosine

- Acute Toxicity – inhalation
  ATE inhalation (Vapours mg/l): 11.0

SECTION 12: Ecological information

12.1 Toxicity

- Toxicity: Not applicable

- Acute aquatic toxicity
  Acute toxicity – terrestrial: Not known

Distillates petroleum hydrocarbon light

- Acute aquatic toxicity

  Acute toxicity – fish: LC_{50}, 96 hours: >1000 mg/l, Fish

  Acute toxicity – aquatic invertebrates: EC_{50}, 48 hours: >1000 mg/l, Daphnia magna

  Acute toxicity – aquatic plants: IC_{50}, 75 hours: >1000 mg/l, Algae

  Acute toxicity – microorganisms: EL50, 48 hour: >10000 mg/l
- Chronic aquatic toxicity

  Chronic toxicity – aquatic invertebrates: 21 days: 1.22 mg/l, Daphnia magna

Oleoyl sarcosine

- Acute aquatic toxicity

  $LE(C)_{50}$: 0.1 < L(E)C50 ≤ 1

  M factor (Acute): 1

  Acute toxicity – fish: LC50, 96 hours: 1.7 mg/l, brachydanio (zebra fish)

  Acute toxicity – aquatic invertebrates: EC_{50} : 0.68 mg/l, daphnia magna

12.2 Persistence and degradability

- Persistence and degradability: The product is biodegradable

12.3 Bioaccumulative potential

- Bioaccumulative potential: No data available on bioaccumulation
- Partition coefficient: Not determined.

12.4 Mobility in soil

- Mobility: The product contains volatile substances, which may spread in the atmosphere.

12.5 Results of PBT and vPvB assessment

- Results of PBT and vPvB assessment: This product does not contain any substances classified as PBt or vPvB.

12.6 Other adverse effects

- Other adverse effects: Not determined.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- General information: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
- Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 14: Transport information

- General: The product is not covered by international regulations of the transport of dangerous goods (IMDG, IATA, ADR/RID).
- Road transport notes: Not classified.
- Rail transport notes: Not Classified.
- Sea transport notes: Not classified
- Air transport notes: Not classified.

14.1 UN number

- Not applicable

14.2 UN proper shipping name

- Not applicable

14.3 Transport hazard class(es)

- Transport labels: No transport warning sign required.

14.4 Packing group
- Not applicable.

14.5 Environmental hazards
- Environmentally hazardous substance/marine pollutant: No.

14.6 Special precautions for user
- Not applicable

14.7 Transport in bulk according to Annex II or MARPOL and the IBC Code
- Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code: Not relevant.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- EU legislation: 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 (as amended).
- Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.
- 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) (as amended).
- 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 (as amended).

15.2 Chemical Safety Assessment
- No chemical safety assessment has been carried out.

SECTION 16: Other information
- General information: Only trained personnel should use this material.
- Key literature references and sources for data: Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.
- Revision comments: (EU) 2015/830 NOTE: Lines within the margin indicate significant changes from the previous revision.
- Hazard Statements in full:
  H304 May be fatal if swallowed and enters airways.
  H318 Causes serious eye damage.
  H319 Causes serious eye irritation
- Notes for hazard statements in full: The full text for Hazard Statements in Section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

--End of Safety Data Sheet--