

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: CRACK DETECTOR CLEANER NO.1

Article number: IS91

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: TYGRIS Industrial
Unit 31
Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
Tel +44 (0) 1294 311 066
Fax +44 (0) 1294 277 115
Email technical@tygrisindustrial.com

Further information obtainable from: Technical Department

1.4 Emergency telephone number: Tel +44 (0) 1294 311 066

2. Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT SE 3: H336; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Aerosol 1: H222; Skin Irrit. 2: H315; -: H229

Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements: H222: Extremely flammable aerosol.
 H229: Pressurised container: May burst if heated
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame
 GHS07: Exclamation mark
 GHS09: Environmental



Signal word: Danger

Precautionary statements: P102: Keep out of reach of children.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211: Do not spray on an open flame or other ignition source.
 P251: Do not pierce or burn, even after use.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50°C.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

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

3. Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-151-9	64742-49-0	-	Flam. Liq. 2: H225; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304	30-50%

PROPAN-2-OL

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	10-30%
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4. First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. Consult a doctor.
- Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** No data available.
- Eye contact:** No data available.
- Ingestion:** No data available.
- Inhalation:** No data available.
- Delayed / immediate effects:** No data available.

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

- Immediate / special treatment:** Not applicable.

5. Firefighting measures

5.1 Extinguishing media

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

- Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for fire-fighters

- Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. If outside do not approach from downwind.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Do not use equipment in clean-up procedure which may produce sparks. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

7. Handling and storage

7.1 Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

8. Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

Workplace exposure limits:
Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1000mg/m ³	-	-	-

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UK	999 mg/m ³	1250 mg/m ³	-	-
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DNEL/PNEC Values
Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

Type	Exposure	Value	Population	Effect
DNEL	Dermal	773 mg/kg/day	Workers	Systemic
DNEL	Inhalation	2035 mg/m ³	Workers	Systemic
DNEL	Dermal	699 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	608 mg/m ³	Consumers	Systemic
DNEL	Oral	699 mg/kg/day	Consumers	Systemic

8.2. Exposure controls

Engineering measures:

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory equipment:

Respiratory protection not required.

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Protective clothing.

Environmental:

Prevent from entering in public sewers or the immediate environment.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Aerosol
Colour:	Colourless
Odour:	Characteristic odour
Flash point°C:	-60

9.2. Other information

Other information:	No data available.
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10. Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

11. Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

DERMAL	RAT	LD50	>2000	mg/kg
GASES	RAT	4H LC50	>20	mg/l
ORAL	RAT	LD50	>2000	mg/kg

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IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

Delayed / immediate effects: No data available.

Other information: Not applicable.

12. Ecological information

12.1. Toxicity

Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

ALGAE	72H IC50	<10	mg/l
DAPHNIA	48H EC50	<10	mg/l
FISH	96H LC50	<10	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms.

13. Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Not applicable.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group**14.5. Environmental hazards**

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

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

Specific regulations: Not applicable.

15.2. Chemical safety assessment**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.**16. Other information****Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.**Phrases used in s.2 and s.3:** H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H229: Pressurised container: May burst if heated
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.