

PRODUCT SAFETY DATA SHEET

Date: February 2003
Reason for issue: CHIP 3 Update

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING.

Name: Solid Firelighters

Products for the ignition of solid fuels in domestic appliances

Company: Tiger Tim Products Ltd.,
Rhosesmor Industrial Estate,
Mold,
Flintshire,
CH7 6PZ

Telephone: 01352 780861

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Hazardous ingredient:	CAS number:	Classification:	Concentration range:
Kerosine (petroleum)	64742-81-0	Xn, R65	>75% w/w

3. HAZARDS IDENTIFICATION.

The product is classified as Highly Flammable, (see Section 15).

May be irritating to eyes.

May cause defatting of the skin and irritation if exposure is prolonged.

May cause irritation to the mouth and upper digestive tract if ingested. May also cause vomiting and diarrhoea

Inhalation of vapour may be irritating to the nose and upper digestive tract.

4. FIRST AID MEASURES.

Eye contact: Rinse out thoroughly with plenty of water. If irritation persists get medical attention.

Skin contact: Wash well with soap and water. Rinse thoroughly.

Ingestion: Wash out mouth thoroughly with water. .
Do not induce vomiting. Get medical attention.

Inhalation: Remove patient to fresh air. Keep warm and at rest.
Get medical attention if problems persist.

5. FIRE FIGHTING MEASURES.

Wear self-contained breathing apparatus and suitable protective clothing. (See Section 8).
Extinguish fire using foam, dry powder, water spray, carbon dioxide, sand.
Do not use large quantities of water, heavy jets may spread burning material.
Keep storage tanks cool with water spray.

Packed firelighters do not normally present an extreme fire risk. Kerosine is protected within the resin matrix and the product is usually ignited only by the direct application of a naked flame.

6. ACCIDENTAL RELEASE MEASURES.

Wear suitable protective clothing, (see Section 8).
Extinguish any naked flames and remove sources of ignition.
Do not allow any material to enter drainage system, or surface or groundwater.
Recover product for disposal.

7. HANDLING AND STORAGE.

Handle with care, avoiding contact with eyes and skin.
Store in cool, dry warehouse conditions, away from direct sunlight
Store well away from sources of ignition and strong oxidising agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

Kerosine: Occupational Exposure Standard, 100ppm, (8hr. TWA).
Free Formaldehyde: (product contains minimal quantities),
Maximum Exposure Limit, 2ppm, (15min. STEL).
Exposure to kerosine is reduced by its containment within the resin matrix.

Avoid contact with eyes and skin.
Wear eye protection, (safety spectacles or goggles), impervious gloves, (consult glove suppliers re suitable material).
If handling large quantities of material, wear eye protection, impervious gloves, protective overalls and protective shoes or boots.
Provide adequate ventilation in work areas.

Workers should be trained in the effective use of appropriate personal protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	white, opaque solid*
Odour:	characteristic, sweet-sharp
Melting point:	not determined
Boiling point:	not applicable
Flash point of liquid fuel content	38°C minimum,(closed cup)
Relative density	0.7 - 0.8 At 20°C
Solubility	
- in water:	insoluble.
- in organic solvents:	insoluble.

* Some brands may be artificially coloured.

10. STABILITY AND REACTIVITY.

Stable under normal handling and storage conditions.

Keep away from sources of heat and ignition.

Keep away from strong oxidising agents, (kerosine may react vigorously).

11. TOXICOLOGICAL INFORMATION.

May cause eye irritation.

May cause defatting of the skin and irritation if exposure is prolonged.

Repeated skin contact may cause dermatitis.

May cause irritation to the mouth and upper digestive tract if ingested. May also cause vomiting and diarrhoea

Inhalation of vapour may be irritating to the nose and upper digestive tract. Headache and nausea may ensue.

12. ECOLOGICAL INFORMATION.

The product is slowly biodegradable.

The potential for bioaccumulation and long-term persistence is low.

The product, in solid form, is unlikely to be harmful to aquatic organisms.

Breakdown of the product, with release of liquid fuel, may be harmful to aquatic organisms.

The liquid fuel is not water soluble but could form a film, which could cause physical damage to organisms and which could impair oxygen transfer.

13. DISPOSAL CONSIDERATIONS.

Avoid contact with eyes and skin. Wear suitable protective clothing.

Do not allow any material to enter drainage system, or surface or groundwater.

Do not mix with other waste materials.

Dispose via an authorised waste disposal contractor to an approved waste disposal site, observing all relevant regulations.

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14. TRANSPORT INFORMATION.

UN Number	UN2623
Proper Shipping Name	Firelighters, solid
Classification Code	4.1
Packing Group	III
Carriage not allowed in tanks.	
Carriage not allowed in bulk.	
IMDG:	Marine pollutant

15. REGULATORY INFORMATION.

The product is classified as Highly Flammable.

It is classified in accordance with CHIP 3 Regulations, Schedule 1:

Highly flammable - solid substances and preparations which may readily catch fire after brief contact with a source of ignition and which continue to burn or to be consumed after removal of the source of ignition.

Hazard symbol: F.

Risk phrase: R11 Highly flammable.

Safety phrases: S(2) Keep out of the reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

UK Laws and Regulations relevant to the preparation of this safety data sheet include:-

Health and Safety at Work etc. Act, 1974.

Control of Substances Hazardous to Health Regulations, 1999, (COSHH).

CHIP 3 Regulations 2002, (see Section 16).

UK Regulations implement EC Directives, as appropriate.

16. OTHER INFORMATION.

Kerosine, Risk phrase, R65 Harmful: may cause lung damage if swallowed.

Data used for compilation of the information given in this data sheet include:-

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, (CHIP 3).
The Approved Classification and Labelling Guide, (Fifth edition),
The Approved Supply List, (Seventh edition),
The Approved Code of Practice, Compilation of safety data sheets, (Third edition).
(This ACOP includes relevant Health and Safety references.)

The information given is accurate to the best of the knowledge of Tiger Tim Products Ltd. and is based on information which the Company considers to be reliable
Further health, safety and environmental information may be obtained from the Company.

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