

The following information has been prepared in accordance with the Health and Safety at Work etc. Act 1974 and the Control of Substances Hazardous to Health Regulations 1988 (COSHH).

PRODUCT : EXPEL C used for Boiler Descaling

1.FORMULATION : Potassium Nitrate, Sulphur, Manganese Dioxide, Silicon, Wood Flour

2.PHYSICAL & CHEMICAL

PROPERTIES: Appearance: Product is a powdered mixture contained in paper and cardboard packaging. No access to the powder by the user is available under normal use circumstances.
Flammability: Will burn in a furnace.
Odour: N/A

3.STABILITY &

REACTIVITY: Will not ignite from a match

4.TOXICOLOGICAL

INFORMATION: Routes of entry/symptoms of contact:

Inhalation:	Irritant
Skin and eyes:	Irritant
Ingestion:	Irritant
Symptoms of Contact:	Irritation by contact of powdered ingredients and smoke.

5.ECOLOGICAL

INFORMATION: Very toxic to aquatic organisms.
Do not allow product to reach ground water sewage system.

6.DISPOSAL

CONSIDERATIONS: Empty containers: Dispose of as Industrial waste
Unused/recovered material: Dispose of as industrial waste.
Contaminated PPE. If large quantities, consult supplier.

7.HAZARDS

IDENTIFICATION: 3.1 Products are not classified
3.2 Smoke from the products is harmful.

8.FIRST AID MEASURES:

Ingestion:	Do not induce vomiting. Get medical attention
Inhalation:	Remove to fresh air. Get medical attention
Skin contact:	Wash with soap and water
Eye contact:	Flush with clean water for 10mins. Get medical attention
Advise to Doctor:	Smokes contain mixed powder ingredients as above.

9.FIRE FIGHTING

MEASURES: Extinguishers:- use dry chemical powder, carbon dioxide or water spray fire extinguishers DO NOT USE WATER JET. Use water spray to cool product close to seat of fire.

Toxic fumes will be evolved in a fire. Self-contained breathing apparatus should be worn by fire-fighters.

10. ACCIDENTAL RELEASE

MEASURES: Spillages (containment and disposal)
Wear suitable PPE. contain product and mix with earth or sand. Shovel into a marked container. Dispose of via a waste contractor or contact supplier for further advice.

11. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Gloves	Unlined synthetic rubber
Overall	Basic Type
Goggles/Face Shield	
Respirator	If required. Full Face Mask with P class filter to required protection factor.

12. HANDLING AND STORAGE:

Precautions in use:

For outdoor use only except when used under controlled conditions.
Hot dross or sparks may be ejected whilst product is burning—take precautions to protect people and nearby articles.

Use only in accordance with manufacturers instructions.

Sweep up and contain any ruptured product packages.

Avoid inhaling fumes whilst product is functioning—producing smoke.

Storage and transport precautions.

Protect from fire, flame and sparks.

Store and transport in a dry, ventilated area free from source of ignition.

Keep out of reach of children.

Store and transport away from food and feed stuffs.

13. TRANSPORT INFORMATION: N/A

14. REGULATORY INFORMATION: N/A

15. OTHER INFORMATION:

Use only according to label instructions.

This data sheet does not constitute a risk assessment as required under legislation for people using the product at work.

The details given in this safety data sheet mainly apply to the packaged smoke products. Under normal circumstances, users would not come into contact with the powdered ingredients contained within the packaging. Information however is provided to reduce risks consequent upon a non routine incident.