



Material Safety Data Sheet

Spray to Protect DC68

1. Product and Company Identification

Product: Water Base Non-Halogen Retardant Liquid

Product Code: **DC68**

Company: International Fireproof Technology Inc.
17528 Von Karman Avenue
Irvine, CA 92614
Phone: 949-975-8588
Fax: 949-724-8898

2. Composition / Information on Ingredients

Chemical Characterization: Polyphosphate
CAS Number: 86333-79-9
EINECS: 269-78-9
Carrier: Water

3. Hazards Identification

No particular hazards

4. First Aid Measures

In case of contact with skin, wash off immediately with plenty of water. In case of contact with eyes, rinse thoroughly with water.

5. Fire Fighting Measures

Non Fire Fighting

6. Accidental Release Measures

Methods for cleaning up: Pick up mechanically; rinse away the rest with water.
Dispose of contaminated material as prescribed.

7. Handling and Storage

- * Advice on protection against fire and explosion: No special measures necessary.
- * Requirements for storage rooms and vessels: Keep only in unopened original container.
- * Advice on storage compatibility: Do not store with alkalis.
- * Further information on storage conditions: Keep containers tightly closed.
- * Storage: Cool and dry area.
- * Storage Stability: When stored in an unopened container, the product is stable for at least 12 months.

8. Exposure Controls / Personal Protection

Hygiene Measures: Clean skin thoroughly after works, apply skin cream.

Flexpiratory Protection: Dust mask

9. Physical and Chemical Properties

Form:	Liquid
Color:	Transparence
Odor:	Odorless
Flash Point:	Not applicable
Ignition Temperature:	Not applicable
Lower Explosion Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Vapor Pressure:	Same as water
Density:	Approx. 7.03g/cm ³ (25°C)
Ph Value:	Approx. 5.0 +/- 0.5 (25°C, 10%)
Acid Value:	≤1mg/g
Viscosity (dynamic):	≤ 100cps (25°C), 100g/100ml in water
Impact Sensitivity:	Not impact sensitive

10. Stability and Reactivity

Thermal Decomposition:	100°C & above
Chemical Reactions:	Evolution of ammonia under influence of alkalis
Chemical Decomposition Products:	Ammonia

11. Toxicological Information

Irritant Effect on Skin:	Slightly irritant (24h, rabbit) Method: FDA guideline
Irritant Effect on Eyes:	Non-Irritant (rabbit eye) Method: FDA guideline
Remarks:	The substance has no mutagenic activity (Ames Test)

12. Ecological Information

Fish toxicity:	LD50'; 100-1000mg/l (98h, zabru fish), Method: OECD
Remarks:	The ecological values have been gathered from a saturated aqueous solution. May contribute to eutrophication in static water, therefore should not be released into surface water. Elimination occurs mainly through adsorption in sludge.

13. Disposal Considerations

* Products: In accordance with regulations for special waste, must be taken to a special waste disposal.

* Unclean packaging: Uncontaminated packaging may be taken for recycling.

14. Transport Information

ADR: Not restricted	RID: Not restricted
ANDA: Not restricted	IMDG: Not restricted
IATA: Not restricted	

15. Regulatory Information

Labeling in accordance with EC-Directives hazard warning labeling not compulsory. National regulations.

16. Other Information

This information is based on our present of knowledge. It should not therefore be construed as guaranteeing specific properties of the products or their suitability for particular application.
