

Material Safety Data Sheet
SPRAYCAN NF

Version: 4.1
Revision date 03/11/2019

1. Identification of the substance / preparation and the company

Product name and code: SPRAYCAN NF
Synonym: None.
Material uses: Spray can with fire retardant liquid.

Identification company: FlameXpert B.V.
Transportstraat 9
Bemmel-NL
6681 LP BEMMEL-NL
The Netherlands
Tel: +31(0)85-002 77 78
Mail: info@flamexpert.nl
Website : www.flamexpert.nl

Emergency telephone no. Tel: +31 (0)30-2748888, only for the doctor.
National Poisons Information Centre Utrecht, The Netherlands

2. Hazards identification

This preparation is not classified as dangerous according to Directive 67/548/EEC and amendments.

3. Composition / Information on ingredients

Within the present knowledge of the supplier, this preparation does not contain any hazardous ingredients, in accordance with EU or national regulations.

4. First aid measures

Inhalation: Remove to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice

Ingestion: If swallowed, wash out mouth with plenty of water. Do not induce vomiting. Keep at rest and seek medical advice.

Eye contact: Remove possible contact lenses. Contamination of the eyes must be treated by thorough irrigation with water for 15 minutes, with the eyelids held open. Do not rub or scratch eyes. A doctor (or eye specialist) should be consulted immediately.

Skin contact: Rinse with plenty of water for at least 15 minutes. Remove any contaminated clothing or contact lenses.

5. Fire fighting measures



Extinguishing media	Not combustible. All extinguishers are allowed; water spray, dry powder like sand, carbon dioxide or alcohol resistant foam.
Specific risks:	Decomposes by exposure to strong alkaline solutions may produce hazardous gases, like ammonia.
Protection of fire-fighters:	Firemen have to wear self-contained breathing apparatus and complete protective clothing.

6. Accidental release measures

Personal precautions:	See safety regulations under heading 7 and 8.
Environmental precautions:	Small amounts can be diluted and entered into ground water system. Observe local disposal regulations.
Methods to clean up:	In case of accidental release of the material spillage must be flushed by copious amount of water. Observe local disposal regulations. The relevant authorities should be consulted before disposal of large spills.

7. Handling and storage

General information	Container is under pressure. Protect against exposure to the sun and temperatures exceeding 50°C. Do not burn or try to open violently, even when empty. Do not spray onto flames or smouldering objects. Without sufficient ventilation the formation of explosives vapours is possible. Must not get into the hands of children. Do not inhale aerosol. Do not place or store containers in the range of sparks, ignition sources or sources of heat.
Handling:	According to the composition of this product no special precaution rules are necessary for this product. When handling observe the usual industrial precautionary measures. Use hand gloves, protective clothes and safety glasses.
Storage	Store in accordance with local regulations. Store in original packaging. Store frost-free in dry, clean and well ventilated locations. Keep away from heat sources. Product is hygroscopic; prevent contact with other liquids.

8. Exposure controls – Personal protection

Provide adequate ventilation. Where reasonable practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Suitable respiratory protective device recommended.



Hands:



Protective gloves of neoprene or butyl rubber should be worn when handling with the product.

Eyes:



Chemical safety glasses. Eye – wash.

9. Physical and chemical properties

General information:

Appearance:	Aerosol
Colour:	Colourless.
Odour:	Odourless.
Important health, safety and environmental information:	
pH:	6.5 ± 1.0
Flash point:	None
Explosive properties:	The product is not explosive.
Specific gravity:	1.060 ± 0.010 g/cm ³
Solubility in water:	Completely soluble.
Conductivity(ISO 7888):	45.0 ± 3.0 mS/cm
Solid content(ISO 3251):	10.0 ± 1.0%
Thermal decomposition:	> 120°C

10. Stability and reactivity

Stability	Stable under recommended storage and handling conditions.
Conditions to avoid	Avoid temperature above 120°C, direct sunlight and contact with heat sources during normal storage.
Materials to avoid:	Keep away from strong oxidisers, strong alkali and strong acid materials to prevents exothermic reaction.
Hazardous Decomposition products:	Possible decomposition by heating into phosphor oxides and ammonia.

11. Toxicological information

Acute toxicity of the preparation:

LD ₅₀ (oral, rat):	> 10.000 mg/kg.
LC ₅₀ (inhalation, rat):	-
LD ₅₀ (dermal, rabbit):	-
Test skin rabbit:	Not irritating; May cause skin irritation by repeated exposure.
Test eye rabbit:	Not irritating

12. Ecological information

Ecotoxicity of the preparation:

LC ₅₀ :	>100 mg/l(Fish, Rainbow Trout, 96 hours)
EC ₅₀ :	>100 mg/l(Daphnia Magna, 48 hours)

Mode of degradation: Completely degradable.



COD: 0.004 mg O₂/l
 BOD: 2.73 mg O₂/l

13. Disposal conditions

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by Directive 91/689/EC.

14. Transport information

Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Land – Road/railway

UN-number	UN 1950
Transport document name	Aerosols
ADR/RID Class	2
Packaging group	-
ADR/RID label	2.1
Special Provisions	190-625
Limited quantities	LQ2

Sea

UN number	UN 1950
Proper shipping name	Aerosols
IMDG-Class	
Packaging group	-
Emergency schedules("EmS")	F-D, S-U
Special Provisions	190-625
Water Pollutant	No

Air

UN number	UN 1950
Transport document name:	Aerosol
ICAO/IATA Class	-
Packaging group	II

15. Regulatory information

EU Directive: This preparation is not classified as dangerous according Directive 1999/45/EC or Directive 67/548/EC and its amendments.

Hazardous symbol: None

EU labelling classification: None

R – (risk) phrases: This product is not classified according to EU-regulations.

Safety phrases S2: Keep out of reach of children



16. Other information

History:	Date of previous issue	12 June 2013
	Version	4.0

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties. In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations and the suitability of any products for its own particular purpose.

Safety data sheet according regulation (EC) No 1907/2006 of the European parliament and of the council from 18 December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH).

Annex

From the raw materials in this recipe, at the moment of drafting this safety data sheet, no chemical safety reports according to regulation (EC) no. 1907/2006 has been registered.

