Issue Date: April 15, 2022

Safety Data Sheet

1. Identification

Product Name： NOZZLE CLEAN BN NET.220ml
Product Code： FC-151

Manufacturer Name： FINECHEMICAL JAPAN CO.,LTD.
Address： 1-15-3 Fukuzumi, Koto-ku, Tokyo, Japan
TEL： 03-3643-8877
FAX： 03-3643-8890

Recommended use of the chemical and restrictions on use： Anti-spatter agent for welding torch nozzles. For professional use.

2. Hazards Identification

GHS Classification

Physical Hazards：	Aerosols	Category 1
Health Hazards：	Skin Corrosion/Irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity (single exposure)	Category 3 (Narcotic effects, Respiratory tract irritancy)
Environmental Hazards：	Acute aquatic hazard	Category 3
	Long-term aquatic hazard	Category 3

*Other hazards are not classified, not applicable or classification not possible.

GHS Label Elements
Symbol:

Signal word: Danger

Hazard Statement:
Extremely flammable aerosol
Pressurized container: may burst if heated
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness
Harmful to aquatic life with long lasting effects

3. Composition/Information on ingredients:

Substance/Mixture   Mixture

Ingredient	Weight %	CAS No.	
Boron Nitride powder	2.9	10043-11-5	
Cyclopentane	33.4	287-92-3	
Zirconium compound	2.2	---	
n-Butyl acetate	1.3	123-86-4	
1-Butanol	0.9	71-36-3	
Propane	24.3	74-98-6	
Butane	35.0	106-97-8	
Total	100.0		

4．First – aid measures:

IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a doctor if you feel unwell.
Get medical advice if you feel unwell.
If skin irritation occurs: Get medical advice.
If eye irritation persists: Get medical advice.
Take off contaminated clothing and wash it before reuse.

5．Fire Fighting Measures

Extinguishing Media: Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media: Do not use water jet as an extinguisher.
Specific hazards arising from   Flammable liquid and vapor.
the chemical:

6．Accidental Release Measures

Wear appropriate protective clothing.
Remove ignition sources.
Avoid release to the environment.

7．Handling and Storage

Handling: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage: Store in a well-ventilated place. Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 40℃.

8．Exposure Controls/Personal Protection

ACGIH (TLV-TWA)   n-Butyl acetate:150ppm, 1-Butanol:20ppm, Cyclopentane: 600ppm,

Butane:800ppm, Propane:1000ppm

Engineering Controls: Use adequate general and local exhaust ventilation to maintain exposure levels below that exposure limits.

Personal Protection:
 Skin Protection: Wear chemical resistant gloves.
 Eye Protection: Safety goggles recommended where eye contact is possible.
 Work/Hygiene Practices: Wash with soap and water after handling.

9．Physical and Chemical Properties

Appearance   White liquid.
Odor   Organic solvent odor.
Boiling point   -42℃～49℃
Flash point   Propellant -90℃, Base liquid -42℃
Explosion limit   Lower 1 ％ ／ Upper 9 ％
Pressure   0.35 MPa (25℃)
Density   0.62 (20℃)

10.　　Stability and Reactivity

Stability:	Stable under normal conditions of storage and use.
Possibility of hazardous reactions:	React with strong oxidizing agents.
Conditions to Avoid:	Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.
Incompatibilities::	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

11.　　Toxicological information

Acute toxicity:	
Acute Oral toxicity:	Not classified or classification not possible.
Acute Dermal toxicity:	Not classified or classification not possible.
Acute Inhalation toxicity:	Not classified or classification not possible.
Irritation/Corrosion:	The mixture is classified as Category 2.
Eye damage/Irritation:	The mixture is classified as Category 2A.
Sensitization-Respiratory:	Not classified or classification not possible.
Germ cell mutagenicity:	Not classified or classification not possible.
Carcinogenicity:	Not classified or classification not possible.
Toxic to reproduction:	Not classified or classification not possible.
Specific target organ toxicity (Single exposure)	The mixture is classified as Category 3 (Narcotic effects,　Respiratory tract irritancy)
Specific target organ toxicity (Repeated exposure)	Not classified or classification not possible.
Aspiration hazard:	Not classified or classification not possible.

12.　　Ecological Information

Hazardous to the aquatic environment Acute hazard	The mixture is classified as Category 3.
Hazardous to the aquatic environment Long term hazard	The mixture is classified as Category 3.

13.　　Disposal Considerations

Make sure containers are empty before discarding.
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14.　　Transport Information

UN Number:	1950
Proper Shipping Name	AEROSOLS, FLAMMABLE
UN Class	CLASS 2.1

15.　　Regulatory Information

Follow all regulations in your country or region.

16.　　Other Information

Notice to reader
The information contained herein is based on all the information and data that we can obtain as of the date issued. However we do not give guarantee regarding the contents, physical or chemical properties, hazards or harm. All remarks and precautions are premised on ordinary handling and it is the user's responsibility to take enough considerations in case of particular use.