

Material Safety Data Sheet

Date of Revise: 2017.11.08

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: PUFF DINO STAINLESS CLEANER & POLISH FOAM
Item Code: DK01
Supplier: PUFFDINO TRADE CO., LTD.
25, 23 Road, Industrial Park,
Taichung City 40850, Taiwan
TEL: +886-4-23503555
FAX: +886-4-23501867
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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	PERCENTAGE
Mineral oil)	8002-74-2	35%-40%
Pure Water		30 - 35%
Emulsifier	8012-95-1	3 - 5 %
L.P.G.	68476-85-7	25-30%

SECTION 3 – HAZARDS IDENTIFICATION

Adverse Health Effects:

Inhalation	Overexposure by inhalation to very high concentrations may cause irritation of nose, throat, and lungs.
Skin Contact	Prolonged and repeated contact may cause irritation and dermatitis.
Eye Contact	May cause eye irritation.
Ingestion	May cause irritation or pain to the gastrointestinal system. Chronic ingestion of dispersions may cause kidney or CNS damage.

SECTION 4 – FIRST AID MEASURES

The First-aid Measures For Different Exposure Routes:

Inhalation	If high concentrations are inhaled, immediately remove exposed person to fresh air. Get medical attention if any discomfort continues.
Skin Contact	Wash with soap and water. Remove contaminated clothing. Seek medical attention for irritation.
Eye Contact	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly.
Ingestion	Ingestion is not considered a potential route of exposure. If adverse situations occur, immediately rinse mouth and drink plenty of water or milk. DO NOT induce vomiting. Contact a physician immediately.

SECTION 5 – FIRE FIGHTING MEASURES

Fire extinguishing media: Foam, CO2, Dry chemical, Water fog. Apply water spray from a safe distance to cool container and protect surrounding area.

Specific hazards may be encountered during fire-fighting: Aerosol containers can explode when heated, due to excessive pressure build-up. Vapor are heavier than air and may travel along the floor and in the bottom of containers. Vapor may be ignited by a spark, a hot surface or an ember.

Special fire-fighting procedures: Evacuate area and fight fire from a safe distance. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

Specific equipment for the protection of fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas. DO NOT smoke in spilled area. Wash hands thoroughly after handling.

Environmental precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Methods for cleaning up: Keep combustibles away from spilled material. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Spills should be covered with sand, dirt, gravel or calcium chloride. Wash thoroughly after dealing with a spillage.

SECTION 7 – HANDLING AND STORAGE

Handling: Keep away from all ignition sources. Use only with adequate ventilation. Do not cut, puncture, or weld on or near this container. Do not breathe vapors.

Storage: Store in a cool, dry place. Store in a well-ventilated area. Do not store in areas containing flammable or combustible products. Store below 45°C. Store away from heat ignition sources, and open flame in accordance with applicable regulations.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Control: Exposure limits is 100PPM eight hour per day.

Personal Protective Equipment:

Respiratory Protection	Use self-contained breathing apparatus.
Hand Protection	Wear appropriate chemical resistant gloves.
Eye Protection	Wear splash resistant safety glasses with a face shield.
Skin & Body Protection	Wear appropriate work clothes, such as long sleeve clothing to keep body from direct contacting.

Hygiene Measures: DO NOT smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet.

Other precautions:

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Emulsion Liquid
Color	Clear
Odor	Light Solvent odor
PH Value	7±1
Boiling Point	-
Decomposition Temperature	N/A
Flash Point	-
Auto-ignition Temperature	-
Vapor Pressure	- mbar
Vapor Density	-
Explosion Limits	-
Density	0.960

Solubility	Soluble with small amount water.
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SECTION 10 – STABILITY AND REACTIVITY

Stability: This product is stable at normal temperatures and pressure.

Possible hazardous reactions occurring under specific conditions: Hazardous polymerization will not occur.

Conditions to avoid: Do not use or store near heat or open flammable objects, Do not puncture or incinerate container. Exposure to temperatures above 55°C (130 °F), it may cause bursting.

Materials to avoid: Keep away from strong oxidizers.

Hazardous decomposition products: Thermal decomposition on burning may release CO, CO₂.

SECTION 11 – TOXICOLOGICAL INFORMATION

No toxicological data are available for this product's components.


SECTION 12 – ECOLOGICAL INFORMATION

No ecological data are available for this product's components.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution. The container for this product can present explosion or fire hazards, even when emptied! To avoid risk of injury, do not cut, puncture or weld on or near this container. Since the emptied containers retain product residue, follow product insert warnings even after container is emptied.

SECTION 14 – TRANSPORT INFORMATION

Proper Shipping Name (PSN)	Aerosols, flammable, (each not exceeding 1 L capacity)
IMDG / IATA Class	2.1
UN Number	UN1950
Label	
Marine Pollutant	No

SECTION 15 – REGULATORY INFORMATION

This product, as supplied, is regulated as a hazardous waste by the Taiwan Environmental Protection Agency (EPA) under environmental protection related regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the EPA.

Taiwan related regulations listed as below:

1. Labor Safety and Health Act
2. Enforcement Rules of the Labor Safety and Health Act
3. Regulations for High Pressure Gas Labor Safety

SECTION 16 – OTHER INFORMATION

PRECAUTION: READ THIS MSDS BEFORE USE

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.