

SAFETY DATA SHEET

Compilation date: 22/02/2023

Revision: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product form: Article
Trade name: Food Probe Blue Disinfection Wipes
Product group: Trade product
Product code: SPW503

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Main use category: Professional use, Consumer use
Function or use category: Wipes

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company Name: Spearhead
4 Symington Place
Riverside Business Park
Irvine
KA11 5DE
Tel: 0345 180 1800
Email: sales@spearheadhealthcare.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No. 1272/2008) CLP
Flammable liquids, Category 2 H225
Serious eye damage/eye irritation, Category 2 H319

2.2 Label elements

Hazard Pictograms (CLP):



Signal word (CLP): Danger

Hazard statements: H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.

Precautionary statements: P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents and container to an approved waste disposal plant.

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

2.3 Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS No./ EC No.	Classification According to (EC) 1272/2008 (CLP)	Conc (%)
ethanol; ethyl alcohol (Antimicrobial, Active substance) substance with national workplace exposure limit(s) (DE)	64-17-5 200-578-6	Flam. Liq. 2, H225 Eye Irrit. 2, H319	70

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General:	In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
Skin contact:	If skin irritation or rash occurs: Get medical advice/attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after eye contact: Eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media:

Suitable media:	Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂).
Unsuitable media:	Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards:

Fire hazard:	This product is flammable. Keep away from ignition sources (including static discharges). Will ignite if exposed to intensive heat.
Reactivity in case of fire:	At high temperature may liberate dangerous gases.
Hazardous decomposition products in case of fire:	On heating or during combustion : Toxic fumes may be released. Carbon oxides (CO, CO ₂).

5.3. Advice for firefighters:

Precautionary measures fire:	Keep away from combustible materials. Keep container closed when not in use. Approach from upwind.
Firefighting instructions:	Exercise caution when fighting any chemical fire. Keep upwind. Do not enter fire area without proper protective equipment, including respiratory protection. Eliminate all ignition sources if safe to do so. Contain the extinguishing fluids by bunding.
Protection during firefighting:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information:	Do not allow run-off from fire fighting to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions:	Keep public away from danger area.
6.1.1. For non-emergency personnel	
Protective equipment:	For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures:	Ventilate spillage area. Avoid contact with skin and eyes.
6.1.2. For emergency responders	
Protective equipment:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures:	Equip cleanup crew with proper protection. Evacuate unnecessary personnel.
6.2. Environmental precautions:	Avoid release to the environment.
6.3. Methods and material for containment and clean-up:	
Methods for cleaning up:	Take up liquid spill into absorbent material. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal.
Other information:	Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections:	
Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.	

7. HANDLING & STORAGE

7.1. Precautions for safe handling:	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. Avoid contact with eyes. Where contact with eyes or skin is likely, wear suitable protection.
Hygiene measures:	Observe normal hygiene standards.
7.2. Conditions for safe storage, including any incompatibilities:	
Storage conditions:	Store in a well-ventilated place. Keep cool.
Incompatible products:	Strong acids. Strong bases. Strong oxidizing agents.
Incompatible materials:	Extremely high or low temperatures.
Heat and ignition sources:	Keep away from heat and direct sunlight. Keep away from sources of ignition.
Storage area:	Avoid: Extremely high or low temperatures. Heat and ignition sources.
7.3. Specific end use(s):	
See Section 1.2.	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:	
8.1.1. National occupational exposure and biological limit values	
ethanol; ethyl alcohol (64-17-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Ethanol
AGW (OEL TWA) [1]	380 mg/m ³
AGW (OEL TWA) [2]	200 ppm
Peak exposure limitation factor	2(II)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls:	Ensure good ventilation of the work station.
8.2.2. Personal protective equipment	
Hand protection:	Does not require any particular or specific measures. Respect the general rules for occupational hygiene.
Eye protection:	Not required for normal conditions of use. Avoid contact with eyes.
Skin and body protection:	No special clothing/skin protection equipment is recommended under normal conditions of use.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory Equipment.
Environmental exposure controls:	Avoid release to the environment.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	According to product specification.
Appearance:	Wet wipes.
Odour:	Alcohol odour.

10. STABILITY & REACTIVITY

10.1. Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability:	Stable under normal conditions.
10.3. Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid:	None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials:	No additional information available
10.6. Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
ethanol; ethyl alcohol (64-17-5)	
LD50 oral rat:	10470 mg/kg (OECD 401)
LC50 Inhalation – Rat:	51 mg/l/4h (OECD 403)
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified
ethanol; ethyl alcohol (64-17-5)	
NOAEL (oral, rat, 90 days):	1730 mg/kg bodyweight/day (OECD 408)
Aspiration hazard:	Not classified

12. ECOLOGICAL INFORMATION

12.1. Toxicity	
Ecology – general:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute):	Not classified
Hazardous to the aquatic environment, long-term (chronic):	Not classified
Not rapidly degradable	
ethanol; ethyl alcohol (64-17-5)	
LC50 - Fish [1]:	13000 mg/l (96 h, Oncorhynchus mykiss, OECD 203)
EC50 - Crustacea [1]:	5012 mg/l (48 h, Ceriodaphnia dubia, fresh water, ASTM E729-80)
EC50 72h - Algae [1]:	275 mg/l (Chlorella vulgaris, fresh water, OECD 201)
NOEC chronic fish:	245 mg/l (30d, QSAR, US-EPA E03-05)
12.2. Persistence and degradability:	No additional information available
12.3. Bioaccumulative potential:	No additional information available
12.4. Mobility in soil:	No additional information available
12.5. Results of PBT and vPvB assessment:	No additional information available
12.6. Endocrine disrupting properties:	No additional information available

13. DISPOSAL CONSIDERATIONS

Regional legislation (waste):	Disposal must be done according to official regulations.
Waste treatment methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Ecology - waste materials:	Avoid release to the environment.
HP Code:	HP3 - "Flammable:" – flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; – flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; – flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction; – flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa; – water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities; – other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste. HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

14. TRANSPORT INFORMATION

14.1. UN number or ID number:	UN 3175
14.2. UN proper shipping name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (CONTAINS: ethanol; ethyl alcohol)
14.3. Transport hazard class(es):	4.1
14.4. Packing group:	II
14.5. Environmental hazards:	Dangerous for the environment: No

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List):	Not applicable.
REACH Annex XIV (Authorisation List):	Not applicable.
REACH Candidate List (SVHC):	Contains no substance(s) listed on the REACH Candidate List
PIC Regulation (Prior Informed Consent):	Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
POP Regulation (Persistent Organic Pollutants):	Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)
Ozone Regulation (1005/2009):	Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)
Explosives Precursors Regulation (2019/1148):	Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
Drug Precursors Regulation (273/2004):	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

RG 84:	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic
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and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

COD:	Chemical oxygen demand (COD)
AND:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE:	Acute Toxicity Estimate
BCF:	Bioconcentration factor
BLV:	Biological limit value
BOD:	Biochemical oxygen demand (BOD)
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL:	Derived Minimal Effect level
DNEL:	Derived-No Effect Level
EC50:	Median effective concentration
EC-No:	European Community number
CAS-No:	Chemical Abstract Service number
EN:	European Standard
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
IOELV:	Indicative Occupational Exposure Limit Value
LC50:	Median lethal concentration
LD50:	Median lethal dose
LOAEL:	Lowest Observed Adverse Effect Level
N.O.S.:	Not Otherwise Specified
NOAEC:	No-Observed Adverse Effect Concentration
NOAEL:	No-Observed Adverse Effect Level
NOEC:	No-Observed Effect Concentration
OECD:	Organisation for Economic Co-operation and Development
OEL:	Occupational Exposure Limit
PBT:	Persistent Bioaccumulative Toxic
PNEC:	Predicted No-Effect Concentration
Pow (log):	n-octanol/water partition coefficient
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID:	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS:	Safety Data Sheet
STP:	Sewage treatment plant
ThOD:	Theoretical oxygen demand (ThOD)
TLM:	Median Tolerance Limit
TRGS:	Technical Rules for Hazardous Substances
VOC:	Volatile Organic Compounds
vPvB:	Very Persistent and Very Bioaccumulative
WGK:	Water Hazard Class

Data sources: Classification according to Regulation (EC) No. 1272/2008 [CLP]. ECHA (European Chemicals Agency). Supplier's safety documents.

Full text of H- and EUH-statements:

Eye Irrit. 2: Serious eye damage/eye irritation, Category 2
Flam. Liq. 2: Flammable liquids, Category 2
H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
The classification complies with: ATP 12