



SAFETY DATA SHEET

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

Product name: Iodophor FAM Concentrate 10%
Disinfectant

Supplier:
Famar Spółka Jawna Zbigniew Miara, Bartłomiej Miara
43-331 Dankowice, ul. Szkolna 1
Poland

Container size: 25kg

Responsible for safety data sheet authoring: Supplier

2. HAZARDS IDENTIFICATION

The product is classified: Xn; N; R20/21,R22 ; R38;R41; R50

Human health: Harmful if swallowed. Risk of serious damage to eyes. Irritating to skin.
If heated to more than 40°C, the following substance(s) will be released: Iodine. Harmful by inhalation and in contact with skin.

Environment: The product contains a substance which is very toxic to aquatic organisms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Nr CAS:	Nr WE:	Content, %	Risk Symbol	R Symbol
Iodine	7553-56-2	231-442-4	10-12	Xn, N	R20/21,50
7-mole ethoxylate of a primary C12-C13 alcohol	66455-14-9		83-85	Xn, N	R22;R38;R41 R50



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4. FIRST-AID MEASURES

Inhalation: Move into fresh air and keep at rest.

At high temperature: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.

Skin contact: Remove contaminated clothes and rinse skin thoroughly with water. If irritation persists: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Specific hazards: If heated to more than 40°C, the following substance(s) will be released: Iodine.

Protective equipment for fire-fighters:

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes. Follow precautions for safe handling described in this safety data sheet. For personal protection, see section 8.

Environmental precautions:

Avoid discharge into drains, water courses or onto the ground.

Methods for cleaning up:

Dam and absorb spillage with sand, sawdust or other absorbent. After cleaning, flush away traces with water. For waste disposal, see section 13.



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7. HANDLING AND STORAGE

Safe handling advice: Observe good chemical hygiene practices. Avoid contact with skin and eyes.

Technical measures: Work practice should minimise contact. Avoid working temperatures above: 40 °C.

Technical precautions: Provide easy access to water supply and eye wash facilities.

Technical measures for safe storage:

No special precautions.

Storage conditions: Protect against direct sunlight and heat. Do not store near heat sources or expose to excessive temperatures. Store in closed original container at a temperature below 30°C.

8. PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapours and spray mist. An eye wash bottle must be available at the work site.

Chemical name: Exposure limits: Type: Notes: References:

Iodine 0.1 ppm 1.1 mg/m³ STEL 15min EH40

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

Respiratory equipment: Risk of inhalation of vapours and aerosols: Use respiratory equipment with gas filter, type B.

The use of filtering respirators should be limited to max. 3 hours per day.

Hand protection: Risk of contact: Wear protective gloves. The product consists of substances for which it is not possible to suggest a common suitable glove material. Therefore, a suitable type of gloves cannot be recommended without knowing the actual usage of the product. The most

suitable glove must be chosen in consultation with the gloves supplier, who can inform about

the breakthrough time of the glove material.

Eye protection: Wear goggles/face shield.

Hygiene measures: Wash hands after handling.

Environmental Exposure

Controls:

Not available.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown liquid.
Odour: not available
pH: ~6
Boiling point: not available
Decomposition not available
temperature:
Flash point: not relevant
Explosion limits: not relevant
Relative density: approx. 1,20
Solubility: Miscible with water

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.
Conditions/
materials to avoid:
Do not expose to temperatures above 40°C.
Hazardous
decomposition products:
If heated to more than 40°C, the following substance(s) will be released: Iodine.

11. TOXICOLOGICAL INFORMATION

Inhalation: If heated to more than 40°C, the following substance(s) will be released: Iodine.
Harmful by
inhalation.
Skin contact: Irritating. Risk of sensitization or allergic reactions among sensitive individuals.
Eye contact: Risk of serious damage to eyes. Immediate first aid is necessary.
Ingestion: Harmful if swallowed. May cause nausea, stomach pain and vomiting.
Specific effects: None known.

12. ECOLOGICAL INFORMATION

Mobility: The product is water soluble and may spread in water systems.
Degradability: The product is expected to be biodegradable.
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will
be made available to them, at their direct request or at the request of a detergent



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manufacturer.

Ecotoxicity: The product contains a substance which is very toxic to aquatic organisms.

EC50 (Daphnia): $0,1 < EC50 \leq 1$ mg/l (Iodine)

The product contains a substance which is toxic to aquatic organisms.

Expected LC/EC50 value $>1 - 10$ mg/l (7-mole ethoxylate of a primary C12-C13 alcohol)

Bioaccumulative

potential:

Bioaccumulation: Is not expected to be bioaccumulable.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code: 07 06 07

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

Labelling:

Contains: 7-mole ethoxylate of a primary C12-C13 alcohol

Harmful

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

S24/25 Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S26

S37/39 Wear suitable gloves and eye/face protection.

S60 This material and its container must be disposed of as hazardous waste.

Statutory Instruments 2008 No. 2852 - The REACH Enforcement Regulations 2008.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009

No. 716).

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with

amendments.

EH40/2005, Workplace exposure limits 2005, with amendments

The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).



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National regulation:

16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 3, 15, 16.

Classification according to Regulation (EC) No. 1272/2008:

Acute Tox.4;H302 - Skin Irrit. 2;H315 - Eye Dam. 1;H318

Wording of Risk Phrases:

R20/21 Harmful by inhalation and in contact with skin.

R22 Harmful if swallowed.

R34 Causes burns.

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

The information on this data sheet represents our current data and is reliable provided that the product is used under

the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical

guidance literature. Any other use of the product which involves using the product in combination with any other

product or any other process is the responsibility of the user.