



Safety Data Sheet

Version: 1
Revision Date: 5/8/2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product identifier. 108098 /
Product name. Ink Exit
UFI M4PF-50EE-100R-DX3U

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

Recommended Use. Professional Textile Cleaning
Uses advised against. Professional Use Only

1.3. Details of the supplier of the safety data sheet

Supplier. Legend Brands
15180 Josh Wilson Road
Burlington, WA 98233
E-Mail: sds@legendbrands.com
800-932-3030

Legend Brands Europe
22 Plover Close Interchange Park
Newport Pagnell MK069PS UK
+44 (0) 1908 611211

Rust-Oleum Europe
Kolenbergstraat 23
3545 Halen, Belgium
+32 (0)13 460 200

1.4. Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
+1-352-323-3500 (International)

Europe 112
Austria +43 1 406 43 43
Belgium Poison center (BE): +32 70 245 245
Denmark Poison Control Hotline (DK): +45 82 12 12 12
Finland Poison Information Centre (FI): +358 9 471 977
France ORFILA (FR): + 01 45 42 59 59
Germany Poison Center Berlin (DE): +49 030 30686 790 | par Poison Center Nord: +49 551 19240
(24h available English / German)
Ireland National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland +354 543 2222
Italy Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg 112
Netherlands National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)
Norway Poisons Information (NO): + 47 22 591300
Portugal Poison Information Center (PT): +351 800 250 250
Spain Poison Information Service (ES): +34 91 562 04 20
Sweden Poisons Information Center (SV): +46 8 33 12 31
Switzerland Poison Center: Tel 145; +41 44 251 51 51
United Kingdom 111 / 0300 020 0155

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Sensitizer, category 1

2.2. Label elements

**Signal Word**

Warning

Hazardous ingredients which must be listed on the label

Contains

2-Methyl-2H-isothiazol-3-one

Possible Hazards

3.7% of the mixture consists of ingredient(s) of unknown toxicity.

3.7% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

GHS HAZARD STATEMENTS

H317 May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, protective clothing, eye protection, face protection.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container to an approved waste disposal plant.

GHS SDS PRECAUTIONARY STATEMENTS

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

2.3. Other hazards

EMERGENCY OVERVIEW: No Information

SECTION 3: Composition/information on ingredients**3.1. Substances**

This product is a mixture. Health hazard information is based on its components.

3.2. Mixtures

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
SODIUMXYLENE SULFONATE	1300-72-7	215-090-9	No Information	>=5 - <10
Sodium Dodecylbenzene Sulfonate	25155-30-0	246-680-4	No Information	>=1 - <5
1,2-Benzisothiazol-3(2H)-one	2634-33-5	220-120-9	No Information	<0.1
2-Methyl-2H-isothiazol-3-one	2682-20-4	220-239-6	No Information	<0.1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs
SODIUMXYLENE SULFONATE	Acute Tox. 4 Oral (H302)	ATE oral (mg/kg): 1000 mg/kg Rat ATE dermal (mg/kg): >2000 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Sodium Dodecylbenzene Sulfonate	Acute Tox. 4 Oral (H302) Aquatic Chronic 3 (H412)	ATE oral (mg/kg): 500 mg/kg Rat ATE inhalation - vapor (mg/l/4h): N.R.
1,2-Benzisothiazol-3(2H)-one	Acute Tox. 4 Oral (H302) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Dam. 1 (H318) Aquatic Acute 1 (H400)	Skin Sens. 1; H317: C>=0.05% ATE oral (mg/kg): 1020 mg/kg Rat ATE dermal (mg/kg): >2000 mg/kg Rat ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.

2-Methyl-2H-isothiazol-3-one	EUH071 Acute Tox. 3 Oral (H301) Acute Tox. 3 Dermal (H311) Skin Corr. 1B (H314) Skin Sens. 1A (H317) Acute Tox. 2 Inhalation (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Skin Sens. 1A; H317: C \geq 0.0015% ATE oral (mg/kg): 105 mg/kg (Rat) ATE dermal (mg/kg): 201 mg/kg Rat ATE inhalation - dust/mist (mg/l/4h): N.R. M-Factors: 10 M-factor chronic: 1
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For the full text of the H-Statements mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice.

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.

Move to fresh air.

Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

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

Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

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

Notes to physician.

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up**Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Methods for cleaning up.

Use personal protective equipment as required.

Other information.

No Information

6.4. Reference to other sections

No Information

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures.

See section 7 for more information.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)**Specific use(s).**

No Information

Exposure scenario.

No Information Available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limit Values**

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
SODIUMXYLENE SULFONATE 1300-72-7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Dodecylbenzene Sulfonate 25155-30-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Benzisothiazol-3(2H)-one 2634-33-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2-Methyl-2H-isothiazol-3-one 2682-20-4	TWA: 0.05 mg/m ³	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
SODIUMXYLENE SULFONATE 1300-72-7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Dodecylbenzene Sulfonate 25155-30-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Benzisothiazol-3(2H)-one 2634-33-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2-Methyl-2H-isothiazol-3-one 2682-20-4	STEL: 0.4 mg/m ³ TWA: 0.2 mg/m ³	N.D.	N.D.	N.D.	N.D.	N.D.

Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
SODIUMXYLENE SULFONATE 1300-72-7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium Dodecylbenzene Sulfonate 25155-30-0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Benzisothiazol-3(2H)-one 2634-33-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2-Methyl-2H-isothiazol-3-one 2682-20-4	N.D.	N.D.	N.D.	N.D.	STEL: 0.4 mg/m ³ TWA: 0.2 mg/m ³	N.D.

TWA: Time weighted average

STEL: Short term exposure limit.

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Concentration (PNEC)

No Information Available

8.2. Exposure controls**Engineering Measures.**

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.**Eye/Face Protection.**

Safety glasses with side-shields.

Skin and body protection.

Wear suitable protective clothing.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Environmental Exposure Controls.

No Information

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	Liquid
Colour	Light Amber
Odour	Slight
Odour Threshold	No Information
pH	7.5
Melting Point, °C	No Information
Flash Point, °C	93
Boiling Range, °C	100 - 1,461
Combustibility	Does not Support Combustion
Vapor Pressure, mmHg	No Information
Vapor density	No Information
Specific Gravity (g/cm³)	1.010
Solubility in water	Soluble in water
Partition Coefficient, n-octanol/water	No Information
Auto-Ignition Temperature, °C	No Information
Decomposition temperature, °C	No Information

Viscosity No Information

9.2. Other information

Volatile organic compounds (VOC) content. Negligible

9.2.1. Information with regard to physical hazard classes

No Information

9.2.2. Other safety characteristics

Evaporation rate No Information Available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None known based on information supplied.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Acute toxicity.**

Based on available data, the classification criteria are not met.

Product Information

Oral LD50 **Dermal LD50** **Inhalation LC50**

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) >5000 mg/kg
ATEmix (dermal) >5000 mg/kg

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
1300-72-7	SODIUMXYLENE SULFONATE	1000 mg/kg Rat	>2000 mg/kg Rabbit	N.R.
25155-30-0	Sodium Dodecylbenzene Sulfonate	500 mg/kg Rat	N.R.	N.R.
2634-33-5	1,2-Benzisothiazol-3(2H)-one	1020 mg/kg Rat	>2000 mg/kg Rat	N.R.
2682-20-4	2-Methyl-2H-isothiazol-3-one	105 mg/kg (Rat)	201 mg/kg Rat	N.R.

Skin corrosion/irritation.

SKIN IRRITANT.

11.2. Information on other hazards**Endocrine disrupting properties**

N.A.

Other information.

N.A.

SECTION 12: Ecological information

12.1. Toxicity

8.20% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
SODIUMXYLENE SULFONATE 1300-72-7	N.D.	N.D.	N.D.
Sodium Dodecylbenzene Sulfonate 25155-30-0	N.D.	LC50 96 h Oncorhynchus mykiss 10.8 mg/L	N.D.
1,2-Benzisothiazol-3(2H)-one 2634-33-5	N.D.	N.D.	N.D.
2-Methyl-2H-isothiazol-3-one 2682-20-4	N.D.	N.D.	N.D.

12.2. Persistence and degradability

No data are available on the product itself

12.3. Bioaccumulative potential

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
1300-72-7	SODIUMXYLENE SULFONATE	N.I.	-3.12
25155-30-0	Sodium Dodecylbenzene Sulfonate	130 (species: Leuciscus idus melanotus)	1.96
2634-33-5	1,2-Benzisothiazol-3(2H)-one	N.I.	0.99
2682-20-4	2-Methyl-2H-isothiazol-3-one	N.I.	-0.26, -0.34, -0.28

12.4. Mobility in soil

Mobility in soil.

No information available

12.5. Results of PBT and vPvB assessment

No data are available on the product itself

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging.

No information

Other information.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

SECTION 14: Transport information

ADR

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	not regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information

14.5. Environmental hazards No.
 14.6. Special precautions for user No Information

IMDG

14.1. UN number or ID number No Information
 14.2. UN proper shipping name not regulated
 14.3. Transport hazard class(es) No Information
 14.4. Packing group No Information
 14.5 Marine Pollutant
 Environmental hazards No.
 14.6. Special precautions for user No Information
 14.7. Maritime transport in bulk according to IMO instruments No Information

IATA

14.1. UN number or ID number No Information
 14.2. UN proper shipping name not regulated
 14.3. Transport hazard class(es) No Information
 14.4. Packing group No Information
 14.5. Environmental hazards No.
 14.6. Special precautions for user No Information

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information.**

Germany WGK Classification 3

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
2634-33-5	1,2-Benzisothiazol-3(2H)-one	RG 65

European Union.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Persistent Organic Pollutants

Not applicable

Authorizations and/or restrictions on use:

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
2634-33-5	1,2-Benzisothiazol-3(2H)-one	No.	Yes.
2682-20-4	2-Methyl-2H-isothiazol-3-one	No.	Yes.

EU Substances of Very High Concern

None

International Inventories.

TSCA Complies

DSL Complies

EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AIIC	-
NZIoC	-
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Industrial Chemicals.
NZIoC	New Zealand Inventory of Chemicals.

15.2. Chemical safety assessment

No.

SECTION 16: Other information

Revision Date	5/8/2023
Indication of changes:	Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

Legend.

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.