Train Wash Oxal

According to EC-Regulation 2015/830

Section 1. Identification of the substance and of the company/undertaking

Company details:

Protectcoat International
Spinding 16
5431 SN CUIJK
The Netherlands
+31 (0)85-0655797
www.protectcoatint.com

Trade name **:** Train Wash Oxal

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

Cleaning liquid

1.3 Emergency telephone number:

EU: call 112

Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Skin Corr. 1B; H314
Eye Dam. 1; H318
See full text of H-phrases in section 2.2.

2.2 Label elements

Signal word:
Danger

Hazard statements

H314 Causes severe skin burns and eye damage

Train Wash Oxal

According to EC-Regulation 2015/830

Section 2. Hazards Identification

Precautionary Statements

General: If medical advice is needed, have product container or label at hand. (P101).
Keep out of reach of children. (P102).
Prevention: Do not breathe mist/vapours/fume/spray. (P260).
Response: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . (P303+P361+P353) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) Immediately call a POISON CENTER/doctor. (P310)
Disposal: Dispose of contents/container to an approved waste disposal plant. (P501).
Hazardous substances
Oxalic acid dihydrate

2.3. Other hazards
Additional labelling
Not applicable
Additional warnings
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

Section 3. Composition information on ingredients

NAME:	Oxalic acid dihydrate
IDENTIFICATION NOS.:	CAS No.: 6153-56-6
CONTENT	5 – 10%
CLP CLASSIFICATION:	Acute Tox. 4, Eye Dam. 1
	H302, H312, H0318
	Index No.: 607-006-00-8

Other information
-
Labelling of contents according to Detergents Regulation (EC) No 648/2004:
<5%:
NON-IONIC SURFACTANTS

Train Wash Oxal

According to EC-Regulation 2015/830

Section 4. First aid measures

4.1 Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water.

Eye contact

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

Ingestion

In the case of ingestion, contact a doctor immediately and bring the safety data sheet or label. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. Hold head facing down to prevent vomit returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

Train Wash Oxal

According to EC-Regulation 2015/830

Section 5. Firefighting measures

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are: Carbon oxides (CO / CO2).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste. Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on “Disposal considerations” in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures

Section 7. Handling and storage

7.1. Precautions for safe handling

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

Room temperature 18 to 23°C

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

Train Wash Oxal

According to EC-Regulation 2015/830

Section 8. Exposure controls – personal protection

8.1. Control parameters

DNEL / PNEC

Oxalic acid dihydrate

Duration	Route of exposure	DNEL
Long term – Systemic effects – General population	Dermal	1.14 mg/kg bw/day
Long term – Systemic effects – Workers	Dermal	2.29 mg/kg bw/day
Short term – Local effects - General population	Dermal	0.35 mg/m³
Short term – Local effects – Workers	Dermal	0.69 mg/m³
Long term – Systemic effects – Workers	Inhalation	4.03 mg/m³
Long term – Systemic effects - General population	Oral	1.14 mg/kg bw/day

PNEC

Oxalic acid dihydrate Route of exposure	Duration of Exposure	PNEC
Freshwater		0.1622 mg/L
Intermittent release		1.622 mg/L
Marine water		0.01622 mg/L

8.2. Exposure controls

Control is unnecessary if the product is used as intended

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There is no appendix to this safety data sheet.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep containment materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment.

Train Wash Oxal

According to EC-Regulation 2015/830

Generally
Use only UKCA marked protective equipment
Respiratory Equipment
If ventilation at the work place is insufficient, use a half- or full mask with an appropriate filter or an airsupplied breathing apparatus depending on the specific work situation and how long you will be using the product.
Skin protection
Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.
Hand protection
Butyl rubber Breakthrough time: > 480 minutes (Class 6)
Eye protection
Wear safety glasses with side shields

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	1.1
Viscosity (40°C)	No data available.
Density (g/cm³)	1.03
Phase changes	
Melting point (°C)	No data available.
Boiling point (°C)	No data available
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
Data on fire and explosion hazards	
Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.
Solubility	
Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.

Train Wash Oxal

According to EC-Regulation 2015/830

Section 10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section “Handling and storage”.

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Nothing special

10.5. Incompatible materials

Strong acids, strong bases and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Substance: Oxalic acid dihydrate
Species:
Test: ATE
Route of exposure: Oral
Result: 500mg/kg

Substance: Oxalic acid dihydrate
Species:
Test: ATE
Route of exposure: Dermal
Result: 1100mg/kg

Train Wash Oxal

According to EC-Regulation 2015/830

Section 11. Toxicological information

Skin corrosion/irritation
Causes severe skin burns and eye damage
Serious eye damage/irritation
Causes serious eye damage.
Respiratory or skin sensitisation
Based on available data, the classification criteria are not met.
Germ cell mutagenicity
Based on available data, the classification criteria are not met.
Carcinogenicity
Based on available data, the classification criteria are not met.
Reproductive toxicity
Based on available data, the classification criteria are not met.
STOT-single exposure
Based on available data, the classification criteria are not met.
STOT-repeated exposure
Based on available data, the classification criteria are not met.
Aspiration hazard
Based on available data, the classification criteria are not met.
Long term effects
This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.
Endocrine disrupting properties
No special

Section 12. Ecological information

12.1 Toxicity
Substance: Oxalic acid dihydrate
Species: Daphnia, Daphnia magna
Test: EC50
Duration: 48 h
Result: 162,2mg/l

Substance: Oxalic acid dihydrate
Species: Fish
Test: LC50
Duration: 96 h
Result: 160 mg/l

Train Wash Oxal

According to EC-Regulation 2015/830

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Oxalic acid dihydrate	Yes	-	-

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Oxalic acid dihydrate	No		No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

Nothing Special

Section 13. Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 8 – Corrosive Dispose of contents/container to an approved waste disposal plant. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Waste

EWC code

07 06 04* Other organic solvents, washing liquids and mother liquors

Specific labelling

Not applicable

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

Train Wash Oxal

According to EC-Regulation 2015/830

Section 14. Transport Information

14.1 – 14.4

This product is within scope of the regulations of transport of dangerous goods.

ADR/RID

14.1. UN 3265
14.2. UN proper shipping name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Oxalic acid dihydrate)
14.3. Transport hazard class(es) 8
14.4. Packing group III Notes - Tunnel restriction code E

IMDG

14.1. UN-no. 3265
14.2. Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Oxalic acid dihydrate)
14.3. Class 8
14.4. PG* III
EmS - MP** No
Hazardous constituent –

IATA/ICAO

14.1. UN-no. 3265
14.2. Proper Shipping Name CORROSIVE LIQUID, N.O.S.
14.3. Class 8
14.4. PG* III

14.5. Environmental hazards

–

14.6. Special precautions for user

–

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group | (**) Marine pollutan

Train Wash Oxal

According to EC-Regulation 2015/830

Section 15. Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

-

Additional information

Not applicable.

Seveso

-

Biocidal reg. no.

Not applicable

Sources

The Management of Health and Safety at Work Regulations 1999 Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

Train Wash Oxal

According to EC-Regulation 2015/830

Section 16. Other information

The full text of identified uses as mentioned in section 1

-

The full text of identified uses as mentioned in section 3

H302 - Harmful if swallowed.
H312- Harmful in contact with skin
H318 - Causes serious eye damage.

Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on: The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pHcriterion given by Regulation (EC) No. 1272/2008 (CLP)It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification. The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products. A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

16.6 Additional information available from:

Protectcoat International
Postbus 36
5430 AA CUIJK
+31(0)85 0655797
www.protectcoatint.com

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