ZINC CLEANER

2026 REVISION 2

SAFETY DATA SHEET

Code: ZIN00

1: PRODUCT IDENTIFICATION AND COMPANY NAME

Product Name:	:	Universal Paints Zinc Cleaner Clear
Product Identification	:	A specialised solvent-based galvanised and zinc surfaces preparation cleaner
Supplier/Manufacturer	:	Universal Coatings (Pty) Ltd
Address	:	17 Precision Street, Kya Sands, Randburg, South Africa
Contact Name	:	R. Diab
Contact Number	:	(+27) 11 462 4284

2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or mixture

Flammable Liquid – Category 3

Specific Target Organ Toxicity (Single Exposure) – Category 3

Specific Target Organ Toxicity (Repeated Exposure) – Category 1

Skin Sensitisation – Category 1

Aspiration Hazard – Category 1

Germ Cell Mutagenicity – Category 1B

Aquatic Acute – Category 1

Eye Irritation Category 2

Carcinogenicity – Category 1B

Signal Word : DANGER

Hazard and Precautionary Statements

Hazard Statement

HH226	:	Flammable liquid and vapour
H304	:	May be fatal if swallowed and enters airways
H317	:	May cause an allergic skin reaction
H336	:	May cause drowsiness or dizziness
H340	:	May cause genetic defects.
H372	:	Causes damage to organs through prolonged or repeated exposure.
H400	:	Very toxic to aquatic life

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Hazard and Precautionary Statements cont...

Prevention Statement

P201	: Obtain special instructions before use
P202	: Do not handle until all safety precautions have been read and understood
P210	: Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233	: Keep container tightly closed
P240	: Ground and bond container and receiving equipment
P241	: Use explosion-proof electrical/ventilating/lighting equipment
P242	: Use non-sparking tools
P243	: Take precautionary measures against static discharge
P261	: Avoid breathing vapour/mist
P280	: Wear protective gloves/protective clothing/eye protection

Response Statement

P308+P313	: If exposed or concerned: Get medical advice/attention
P314	: Get medical advice/attention if you feel unwell
P301+P310	: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331	: Do NOT induce vomiting
P302+P352	: IF ON SKIN: Wash with plenty of soap and water
P312	: Call a POISON CENTER or doctor if you feel unwell
P305+P351+P338	: IF IN EYES: Rinse cautiously with water. Remove contact lenses if present
P370+P378	: In case of fire: use foam, carbon dioxide or dry powder to extinguish

Storage Statement

P403+P235	: Store in a well-ventilated place. Keep cool
P405	: Store locked up

3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	EC No.	Conc.	Classification
Naphtha (petroleum) hydrodesulphurized heavy	*64742-82-1*	*265-185-4*	*40-60 %*	*Flam. Liq. 2, Muta. 1B, Carc. 1B, STOT RE 1, Asp. Tox. 1*
Nonylphenol Ethoxylate	*9016-45-9*	*500-024-6*	*5-15%*	*Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1*
Xylene	*1330-20-7*	*215-535-7*	*40-40%*	*Flam. Liq. 3, Skin Irrit. 2, STOT SE 3*

Specific Concentration Limits	: Not available
M factor	: Not available
Acute toxicity estimate	: Not available

Any concentrations shown as a range are to protect confidentiality and/or are due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

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4: FIRST AID MEASURES

General : In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation : Move to a safe area with fresh air. Keep person warm and at rest.
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

Eye Contact : Rinse thoroughly with potable water for at least 10 minutes.
Seek medical attention.

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Ingestion : Aspiration hazard warning.
Wash mouth out with copious amounts of clean water.
Do not induce vomiting. Keep person warm and at rest.
Seek medical advice immediately and show the container, label or Safety Data Sheet to the medical officer.

Skin Contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use a recognised skin cleanser.
Do not use solvents or thinners.

5: FIRE FIGHTING MEASURES

Extinguishing Media : Use foam, CO2, dry powders and water mist.
Flammable hydrocarbon vapours may form explosive mixtures with air.

Recommendations : DO NOT use a high pressure water jet.
Decomposed products are a health hazard.
Use appropriate breathing apparatus.
Cool closed containers exposed to fire with foam not water jets to prevent ignition.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Ventilate the area. Avoid breathing in vapours.
Remove all sources of ignition e.g. flames, sparks, static electricity and heat.

Spill : Contain and collect spillage with absorbent material.
Dispose of according to local regulations.
Do not allow spillage to enter sewerage drains or watercourses.

7: HANDLING AND STORAGE

Handling : Use only after reading and understanding all safety precautions.
Keep container tightly closed. Keep away from heat, sparks and flame.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. After handling the material, workers should wash hands and face before eating, drinking and smoking.

: Store in original container. Observe label precautions.
Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

: Keep away from oxidizing agents, strong alkaline and acids. No smoking.
Containers which have been opened must be carefully cleaned, resealed and kept upright to prevent contamination and leakage.

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8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Naphtha (petroleum)

DNEL (Industry; inhalational, long term systemic effects): 330 mg/m^3
DNEL (Industry; dermal, long term systemic effects): 44 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 71 mg/m^3
DNEL (Consumer; dermal, long term systemic effects): 26 mg/kg
DNEL (Consumer; oral, long term systemic effects): 26 mg/kg

8.2 Exposure Control

Engineering Measures : Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal Protective Equipment : Should ventilation be inadequate or if workers are exposed to concentrations above the exposure limit, appropriate certified respirators must be used.

Eyes : Use safety eyewear designed to protect against splash of liquids. Never touch eyes with dirty hands or gloves.

Ingestion : Observe the rules of hygiene. Wash hands and face before eating, drinking or smoking.

Skin : Use protective gloves. Wash immediately in case of contact.

Environmental Exposure Control : Do not allow product to enter sewerage drains or watercourses.

Protection Measures : Implemented in accordance with the appropriate risk assessment, taking into account the manner and conditions of use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	: Liquid
Colour:	: Clear
Odour:	: Solvent
Melting point/Range:	: Not applicable
Flashpoint:	: >37°C
Boiling Point/Range:	: >150°C
Flammability:	: Flammable
Solubility in water:	: Immiscible with water
Viscosity:	: Not determined
Vapour Pressure:	: Not applicable
Vapour Density:	: Not applicable
Vapour Relative Density:	: Not applicable
Specific Gravity:	: 0.95 - 1.25 (typical) at 20°C
Evaporation Rate:	: Not determined
Autoignition Temperature:	: Not applicable
Decomposition Temperature:	: Not applicable
Explosive/Oxidising Properties:	: Not applicable

Other information

Please see Technical Data Sheet (TDS) for product specific information

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10: STABILITY AND REACTIVITY

Chemical Stability	:	Not reactive. Stable if stored under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under conditions of normal use.
Conditions to avoid	:	Excessive heat. Keep in a cool, dry, well ventilated place.
Incompatible materials	:	Incompatible with oxidizing substances.
Hazardous decomposition products	:	In case of fire and/or explosion do not breathe fumes. Hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke may be produced. No decomposition if stored and applied as directed.

11: TOXICOLOGICAL INFORMATION

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

11.1.1 Acute toxicity

: Estimated LD_{50} (oral) (ATE): >2000 mg/kg
: Estimated LD_{50} (dermal) (ATE): >4000 mg/kg
: Estimated LC_{50} (inhalational) (ATE) : <20 mg/l/4hr (gas/vapour)

11.1.1.1 solvent naphtha (petroleum), heavy aliph.

: LC_{50} (inhalation, rat): >14 mg/l/4h
: LD_{50} (oral, rat): >6500 mg/kg
: LD_{50} (dermal, rabbit): >3000 mg/kg

11.1.2 Skin corrosion/irritation	:	Can cause skin irritation.
11.1.3 Serious eye damage/irritation	:	Can cause eye irritation.
11.1.4 Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
11.1.5 Germ cell mutagenicity	:	Contains materials classified as Germ Cell Mutagenicity Category 1B.
11.1.6 Carcinogenicity	:	Contains components classified as carcinogenic.
11.1.7 Reproductive toxicity	:	No evidence of reproductive effects.

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11: TOXICOLOGICAL INFORMATION CONT...

11.1.8 STOT (specific target organ toxicity)
- single exposure

May cause respiratory irritation, drowsiness or dizziness through inhalation of vapours in poorly ventilated conditions (STOT SE Category 3, H336).

11.1.9 STOT (specific target organ toxicity)
- repeated exposure

Causes damage to organs through prolonged or repeated exposure (STOT RE Category 1, H372), attributable to the naphtha (petroleum), hydrodesulphurized heavy component present at approximately 40–60% of the formulation.

11.1.10 Aspiration hazard

May be fatal if swallowed and enters airways (Aspiration Hazard Category 1, H304), consistent with the low viscosity of the petroleum solvent components.

11.2 Information on other hazards

No further or additional information available.

12: ECOLOGICAL INFORMATION

The product contains aromatic hydrocarbon solvents which may be harmful to aquatic organisms if released in large quantities.

Avoid release to the environment. Product is considered a water pollutant.

Do not allow product to enter drains, watercourses or soil.

Collect spillage immediately and dispose of according to local regulations.

13: DISPOSAL CONSIDERATIONS

: Do not allow to enter drains or watercourses.
Dispose of according to national and local applicable regulations.
Empty containers are suitable for recycling, but caution must be exercised in the disposal of used containers.

14: TRANSPORT

SIN/UN Number : 1263
Shipping Name : Paint
Packaging Group : III
Class : 3

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15: REGULATORY INFORMATION

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

This product is classified and labelled in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals as implemented in South Africa.

This Safety Data Sheet has been prepared in accordance with the requirements of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), and the Hazardous Chemical Agents Regulations, 2021, under the Department of Employment and Labour.

Classification has been performed in accordance with SANS 10234.

This SDS is compiled in accordance with SANS 11014.

The product is subject to general environmental and waste management legislation, including the National Environmental Management Act (NEMA), where applicable.

No specific additional national or provincial regulations applicable to this product have been identified.

Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

16: OTHER INFORMATION

Date of printing	:	July 2026
Date of issue	:	July 2026
Revision	:	2
Notice:	:	Take precautionary measures against static discharges
	:	In case of any discomfort always seek medical advice.

All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

Important Note: The information contained in this SDS is not intended to be exhaustive and believed to be correct at the date of its preparation. It is the user's responsibility to verify that this data sheets is current prior to using the product which is detailed in it. Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to its use. Where those purposes are other than as specifically recommended in this safety data sheet, the user then uses the product at their own risk.

Manufacturer's Disclaimer: The conditions, methods and factors effecting the handling, storage, application, use, misuse or disposal of the product are not under the control or knowledge of the Manufacturer. Therefore the Manufacturer does not assume responsibility for any adverse events that may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law the Manufacturer expressively disclaims liability for any and all losses, damages and/or expenses arising out of or in any way is connected to the storage, handling, use or disposal of the product. Safe handling, storage and disposal are the responsibility of the users.

Users must comply with all applicable health and safety laws.