



Safety Data Sheet

BONDERITE C-AK PLAUDIT ALKALINE CLEANER known as
TURCO PLAUDIT (20LT)

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V001.4

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

Product name: BONDERITE C-AK PLAUDIT ALKALINE CLEANER known as TURCO PLAUDIT (20LT)

Intended use: Industrial Cleaning Agents

Supplier:
Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Serious eye irritation	Category 2A
Acute hazards to the aquatic environment	Category 3
Chronic hazards to the aquatic environment	Category 3

Hazard pictogram:



Signal word: Warning

Hazard statement(s): H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention: P264 Wash hands thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear eye protection/face protection.

Response: 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.

Disposal: P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Classification of material Xi - Irritant

Risk phrases:

R36 Irritating to eyes.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

S46 If swallowed, seek medical advice immediately and show this container or label.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

HAZARDOUS

Section 3. Composition / information on ingredients

General chemical description: Mixture

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Alkylphenol ethoxylate C8 5EO	9036-19-5	< 10 %
Alcohol C12-15, ethoxylate 8EO	68131-39-5	< 3 %
Remainder not hazardous including water~		60- 100 %

Section 4. First aid measures

Ingestion:

Do not induce vomiting.
Have victim rinse mouth thoroughly with water.
Seek medical advice.

Skin:

Rinse with running water and soap.
If adverse health effects develop seek medical attention.

Eyes:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical attention immediately.

Inhalation:

Move to fresh air.
Keep warm and in a quiet place.
If adverse health effects develop seek medical attention.

First Aid facilities:

Eye wash and safety shower
Normal washroom facilities

Medical attention and special treatment:

Treat symptomatically and supportively.

Section 5. Fire fighting measures

Suitable extinguishing media:	Dry chemical, carbon dioxide (CO ₂) foam or water spray.
Improper extinguishing media:	Water spray jet
Combustion behaviour:	Non-flammable (aqueous solution). In case of fire toxic gases can proceed after evaporation of water and further heating of the product.
Decomposition products in case of fire:	Thermal decomposition can lead to release of irritating gases and vapors. carbon monoxide Carbon dioxide. Oxides of nitrogen.
Special protective equipment for fire-fighters:	Wear full protective clothing. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).
Additional fire fighting advice:	In case of fire, keep containers cool with water spray. Collect contaminated fire fighting water separately. It must not enter drains.

Section 6. Accidental release measures

Personal precautions:	Ensure adequate ventilation. Keep unprotected persons away. Avoid skin and eye contact. Adequate personal protective equipment should be worn by all personnel involved in the clean-up work.
Environmental precautions:	Do not discharge into surface water/ground water.
Clean-up methods:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep or scoop up and place into suitable clean, dry containers for reclamation or later disposal.

Section 7. Handling and storage

Precautions for safe handling:	Ensure that workrooms are adequately ventilated. Keep container tightly sealed. Avoid skin and eye contact. Wear suitable protective clothing, gloves and eye/face protection. Use good hygiene practices when handling this material, including changing and laundering work clothes after use. Discard contaminated shoes and leather goods.
Conditions for safe storage:	Store only in the original container. Keep container tightly sealed.

Section 8. Exposure controls / personal protection

National exposure standards:

None

Engineering controls:	Ensure good ventilation/extraction.
Eye protection:	Wear protective glasses.
Skin protection:	Use of an impervious apron is recommended. Impervious gloves should be used at all times when handling this product. Protective clothing that covers arms and legs. Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
Respiratory protection:	If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

Appearance:	Off white opaque
Odor:	Mild surfactant
pH:	10
Boiling point:	100 °C (212 °F)
Density:	1.00 - 1.04 g/cm ³
Solubility in water:	Completely soluble

Section 10. Stability and reactivity

Stability:	Stable under normal conditions of temperature and pressure.
Conditions to avoid:	Extremes of temperature.
Incompatible materials:	Reaction with oxidants.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapors. carbon monoxide Carbon dioxide. Oxides of nitrogen.

Section 11. Toxicological information

Health Effects:**Ingestion:**

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin:

May cause slight irritation to skin.

Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Eyes:

Causes serious eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Inhalation:

May be harmful if inhaled.

Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Alkylphenol ethoxylate C8 5EO 9036-19-5	LD50	3,800 mg/kg	oral		rat	

Section 12. Ecological information**General ecological information:**

Do not empty into drains / surface water / ground water.

Ecotoxicity:

Harmful to aquatic life with long lasting effects.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Alcohol C12-15, ethoxylate 8EO 68131-39-5	LC50	> 1 - 10 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Alcohol C12-15, ethoxylate 8EO 68131-39-5	EC 50	130 mg/l	Bacteria			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Alcohol C12-15, ethoxylate 8EO 68131-39-5		aerobic	> 80 %	OECD Guideline 302 B (Inherent biodegradability: Zahn- Wellens/EMPA Test)
Alcohol C12-15, ethoxylate 8EO 68131-39-5	readily biodegradable	aerobic	65 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

Section 13. Disposal considerations**Waste disposal of product:**

Dispose of in accordance with local and national regulations.

Recommended cleanser:

Clean the packaging with water.

Disposal for uncleaned package:

Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road and Rail Transport:

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

General information:

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

Section 15. Regulatory information

SUSMP Poisons Schedule None

AICS: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

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Disclaimer:

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