

1. Identification of the material and supplier

Names

Product Name:	GreaseOff
ADG:	UN No.1719, CAUSTIC ALKALI LIQUID, N.O.S. DG Class 8
Supplier:	Theodist Limited P.O Box 1618 Boroko, NCD Phone: 313 9800 Fax: 325 0302
Emergency Telephone Number:	313 9800

Uses

Material Uses:	Degreaser and Cleaner
Date:	September 1st 2023

2. Hazardous identification

Statement of Hazardous/
 Dangerous Nature : Classified as hazardous according to the criteria of NOHSC and classified as dangerous goods according to the ADG Code.

Hazard: Corrosive

Health Hazards

Skin corrosion/irritation: Category 1A
 Serious eye damage/eye irritation: Category 1

GHS Label Elements

Signal Word: DANGER

Hazard Pictograms:



Hazard Statements

H314 Causes severe skin burns and eye damage

Prevention Precautionary Statements

P102 Keep out of reach of children.
 P264 Wash hands thoroughly after handling.
 P280 Wear suitable protective gloves and eye protection/face protection.

Precautionary Response statements:

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water
P305+P354+P338	IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Storage Statements:

P405	Store locked up.
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Disposal Statements

P501	Dispose of contents/ container to an approved waste disposal plant
Other Hazards	Not Known

3. Composition/information on ingredients

Ingredient Name	CAS number	% by weight
Caustic Soda	1310-73-2	1 - 5
Quaternary Ammonium Compound	8001-54-5	1 - 5

Other ingredients determined not to be hazardous according to NOHSC criteria, and not dangerous according to the ADG code, make up the product concentration to 100%.

4. First aid measures

First aid measures

Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. See doctor for any persistent irritation.
Skin Contact:	In case of contact, remove contaminated clothing and wash skin thoroughly. Get medical attention if irritation persists.
Inhalation:	Remove to fresh air. Obtain medical attention if symptoms occur.
Ingestion:	Do not induce vomiting. Rinse mouth thoroughly; then drink one or two large glasses of water. Seek medical attention or contact a Poisons Information Center.
Notes to Physician:	No specific treatment. Treat symptomatically.

5. Fire-fighting measures

Extinguishing media:	Nonflammable. Use an extinguishing agent suitable for the surrounding fire.
Fire/Explosion Hazards:	No specific hazard.
Special Protective equipment for fire-fighter	Fire fighters should wear appropriate protective equipment and Self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode
Hazardous Decomposition Products	Carbon oxides (CO, CO ₂).

6. Accidental release measures

Personal Precautions:	Keep unnecessary personnel away. Use suitable protective equipment.
Environmental Precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up:	If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills , dyke spilt material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: see section 8 for personnel protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling:	Avoid contact with eyes, skin and clothing.
Storage:	Keep container tightly closed. Keep container in a cool, well ventilated area. Keep away from incompatibles, such as strong oxidizing material, strong acid.

8. Exposure controls/personal protection

Occupation Exposure Limits:	-
Engineering measures:	No special ventilation requirements however use of adequate ventilation is good industrial practice.
Hygiene measures:	Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protection

Eye:	Safety glasses.
Hands:	Wear any chemical resistant, impervious glove. Recommended: PVC gloves.
Respiratory:	A respirator is not needed under normal and intended conditions of product use.
Skin:	Wear synthetic apron or other protective equipment to avoid skin contact.

9. Physical and chemical properties

Physical state:	Liquid
Colour:	Dark red
Odour:	No odour
Boiling point:	Not available
Melting point:	Not available
Specific gravity:	1.030 - 1.050 (Water=1)
Flash point:	Not available
Vapour density:	Not available
pH:	12 -13 (100%)
Solubility:	Easily soluble in cold water, hot water.

10. Stability and reactivity

Stability:	The product is stable under normal ambient conditions of temperature and pressure.
Conditions to Avoid:	None identified.
Materials to Avoid	Strong oxidizing material, strong acid, can be corrosive to some metals.
Hazardous Decomposition Products:	carbon oxides (CO, CO ₂).
Hazardous Reactions:	May react vigorously with acids.

11. Toxicological information

Potential acute health effects

Inhalation:	No known significant effects or critical hazards.
Ingestion:	May cause abdominal pain, headache, nausea and vomiting.
Skin contact:	A mild irritant. Prolonged or repeated contact may lead to dermatitis in some cases
Eye contact:	Will cause temporary discomfort to the eyes

Potential chronic health effects

Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity Reproductive:	No known significant effects or critical hazards.
Toxicity:	No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity data:	Not available
Persistence/degradability:	Not available
Mobility:	Not available
Other adverse effects:	Not available

13. Disposal considerations

Methods of disposal: Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solution and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of via a licensed waste disposal contractor.

14. Transport information

Shipping Name	Regulation	UN number	Class	Packing Grp	Additional Info.
CAUSTIC ALKALI LIQUID, N.O.S	ADG	1719	8	II	Alkaline Detergent
CAUSTIC ALKALI LIQUID, N.O.S.	IMDG	1719	8	II	Alkaline Detergent

15. Regulatory information

Australian Inventory status: All substances are listed on AICS or exempt.

AU Classification: -

Standard for the Uniform Scheduling of Drugs and Poisons

Not scheduled - -

Control of Scheduled Carcinogenic Substances

Ingredient Name Schedule

No listed substance

16. Other information

Prepared by: Regulatory Affairs

Change made: New format

Previous Date Of Issue: 22nd August 2022

References:

- ADG Code - Australian Transport of Dangerous Goods
- IATA - Dangerous Goods Regulations
- IMDG Code - 1990 Consolidated Edition
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated hazardous Substances
- National Code of Practice for the Labelling of workplace Substances
- National code of Practice for the Preparation of material Safety data Sheets
- National Model regulations for the Control of Scheduled Carcinogenic Substances
- National model Regulations for the Control of Workplace Hazardous Substances
- Standard for the Uniform Scheduling of Drugs and Poisons

The information herein is to the best of our knowledge and meant to describe safety requirements of our product and should not be construed as guaranteeing specific properties. No warranty expressed or implied is made as to its accuracy, reliability or completeness. Since we cannot anticipate or control the many conditions under which this information and our products may be used, each user should review these recommendations in the specific context of the intended application and confirm whether they are appropriate.