HEAVY DUTY DEGREASER
Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: HEAVY DUTY DEGREASER

Synonyms
Heavy duty degreaser

Product Code
395

Recommended use: DEGREASER • HEAVY DUTY DEGREASER • MULTI PURPOSE DEGREASER

Supplier Name	**RJS PRODUCTS PTY LTD**
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SDS Date	21 JANUARY 2021 Version 1.2

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA REGULATIONS

GHS classification(s) Serious Eye Damage / Eye Irritation: Category 2A
Carcinogenicity: Category 2

2.2 Label elements

Signal word **WARNING**

Pictogram(s)

Hazard statement(s)

H319	Causes serious eye irritation.
H351	Suspected of causing cancer.

Prevention statement(s)

P202	Do not handle until all safety precautions have been read and understood.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response statement(s)

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.

Storage statement(s)

P405	Store locked up.

Disposal statement(s)
P501

Dispose of contents/container in accordance with relevant regulations

2.3 Other hazards
No information provided.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

Ingredient	CAS Number	Content
TRISODIUM NITRILOTRIACETATE	5064-31-3	10 to 30%
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	1 to 10%
NON HAZARDOUS INGREDIENTS	Not Available	Remainder
SURFACTANT(S)	-	10 to 30%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye
If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

First aid facilities No information provided.

4.2 Most important symptoms and effects, both acute and delayed
Irritating to the eyes.

4.3 Immediate medical attention and special treatment needed
Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media
Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture
Non flammable. May evolve toxic gases if strongly heated.

5.3 Advice for firefighters
No fire or explosion hazard exists.

5.4 Hazchem code
None allocated.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

If spilt (bulk), mop up area. CAUTION: Spill site may be slippery.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry area. Ensure containers are tightly sealed, adequately labelled and protected from physical damage.

7.3 Specific end use(s)

No information provided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m³	ppm	mg/m³
2-Butoxyethanol (EGBE)	SWA (AUS)	20	96.9	50	242

Biological limits

Ingredient	Determinant	Sampling Time	BEI
ETHYLENE GLYCOL MONOBUTYL ETHER	Butoxyacetic acid (BAA) in urine (with hydrolysis)	End of shift	200 mg/g creatinine

Reference: ACGIH Biological Exposure Indices

8.2 Exposure controls

Engineering controls Avoid inhalation. Use in well ventilated areas.

PPE

Eye / Face Wear splash-proof goggles.

Hands Wear PVC or rubber gloves.

Body When using large quantities or where heavy contamination is likely, wear coveralls.

Respiratory Not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR YELLOW LIQUID	**Solubility (Water)**	SOLUBLE
Odour	SLIGHT ODOUR	**Specific Gravity**	1.07 – 1.09
Ph	9.5 - 10.5	**Volatiles**	NOT AVAILABLE
Vapour Pressure	NOT RELEVANT	**Flammability**	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	**Flash Point**	NOT RELEVANT
Boiling Point	100°C (Approximately)	**Upper Explosion Limit**	NOT RELEVANT
Melting Point	NOT AVAILABLE	**Lower Explosion Limit**	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

a. Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

b. Chemical stability

Stable under recommended conditions of storage.

c. Possibility of hazardous reactions

Polymerization will not occur.

d. Conditions to avoid

No known conditions to avoid.

e. Incompatible materials

Compatible with most commonly used materials.

f. Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

a. Information on toxicological effects

Acute toxicity

Information available for the product:
No known toxicological effects from this product. Based on available data, the classification criteria are not met.

Information available for the ingredient(s):

Ingredient	Oral Toxicity (LD50)	Dermal Toxicity (LD50)	Inhalation Toxicity (LC50)
TRISODIUM NITRILOTRIACETATE	681 mg/kg (mouse)	--	--
ETHYLENE GLYCOL MONOBUTYL ETHER	300 mg/kg (rabbit)	230 mg/kg (guinea pig)	700 ppm (mouse)

Skin Not classified as a skin irritant. Contact may cause temporary mild skin irritation. Prolonged or repeated contact may result in drying and defatting of the skin.

Eye Irritating to the eyes. Contact may result in irritation, lacrimation, pain and redness.

Sensitization Not classified as causing skin or respiratory sensitisation.

Mutagenicity No evidence of mutagenic effects.

Carcinogenicity Contains trisodium nitrilotriacetate which is suspected of causing cancer.

Reproductive	No relevant or reliable studies were identified.
STOT – single exposure	Not classified as causing organ damage from single exposure.
STOT – repeated exposure	Not classified as causing organ damage from repeated exposure. However, repeated exposure to some glycols may result in kidney damage.
Aspiration	This product does not present an aspiration hazard.

12. ECOLOGICAL INFORMATION

a. Toxicity

No information provided.

b. Persistence and degradability

No information provided.

c. Bioaccumulative potential

No information provided.

d. Mobility in soil

No information provided.

e. Other adverse effects

This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities, however larger quantities may cause foaming of waterways with adverse effects on aquatic life. At high levels, may dissolve oils on bird feathers with potential for bird to drown. Not expected to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

a. Waste treatment methods

Waste disposal	No special precautions are required for the disposal of this product.
Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1 UN Number	None Allocated	None Allocated	None Allocated
14.2 Proper Shipping Name	None Allocated	None Allocated	None Allocated
14.3 Transport hazard class	None Allocated	None Allocated	None Allocated
14.4 Packing Group	None Allocated	None Allocated	None Allocated

14.5 **Environmental hazards** No information provided

14.6 Special precautions for user

Hazchem code None Allocated

15. REGLATORY INFORMATION

HSNO Group Standard: HSR002530 - Cleaning Products (Subsidiary Hazard) Group Standard 2006

This material is not subject to the following international agreements:
Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:
- The *Standard for the Uniform Scheduling of Medicines and Poisons* (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances* (AICS).

16. OTHER INFORMATION

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.