

TB-30ND WELD CLEANING FLUID FOR STAINLESS STEEL

TIG Brush®

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Product name TB-30ND WELD CLEANING FLUID FOR STAINLESS STEEL
Synonym(s) WELD CLEANING FLUID FOR STAINLESS STEEL

329920/0012

Reinigungslöslichkeit TIG - B 1 - L Flasche



(ST) S/N:

1.2 Uses and uses advised against

Use(s) TIG BRUSH WELD CLEANING SOLUTION
Uses advised against NONE KNOWN

1.3 Details of the supplier of the safety data sheet

Supplier name ENSITECH PTY LTD
Address 1/144 Old Bathurst Road, Emu Plains, NSW, 2750, AUSTRALIA
Telephone +61 2 4735 7700
Fax +61 2 4735 7744
Email safety@ensitech.com.au

1.4 Emergency telephone number(s)

Emergency +61 447 775 762

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

2.2 Label elements

None allocated.

2.3 Other hazards

No hazards resulting from the material as supplied.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

Ingredient	Identification	Classification		Content
		R/S	GHS	
WATER	CAS: 7732-18-5 EC: 231-791-2			>60%
CITRIC ACID				<30%
PROPRIETARY INGREDIENTS				<50%

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. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

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4.2 Most important symptoms and effects, both acute and delayed

Acute: Possible irritation of eyes and skin. Delayed: No information available.

4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases if strongly heated.

5.3 Advice for firefighters

Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

If spilt (bulk), use personal protective equipment. CAUTION: Spill site may be slippery.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Clean spill site with water.

6.4 Reference to other sections

See Section 8.

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, well-ventilated area, removed from oxidising agents, alkalis and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

7.3 Specific end use(s)

None.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure Standards

No exposure standard(s) allocated.

Exposure Standards

No biological limit(s) allocated.

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8.2 Exposure controls

Engineering controls Avoid inhalation of vapours. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

PPE

Eye / Face Splash-proof goggles.
Hand PVC or rubber gloves.
Body When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory None required with normal use.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	CLEAR GREEN LIQUID
Odour	SWEET AND PLEASANT ODOUR
Odour threshold	NOT AVAILABLE
pH	1.6
Melting point	NOT AVAILABLE
Freezing point	NOT AVAILABLE
Initial boiling point	NOT AVAILABLE
Flash point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
Flammability	NOT AVAILABLE
Upper explosion limit	NOT AVAILABLE
Lower explosion limit	NOT AVAILABLE
Vapour pressure	NOT AVAILABLE
Vapour density	NOT AVAILABLE
Relative density	NOT AVAILABLE
Solubility (water)	SOLUBLE
Partition coefficient	NOT AVAILABLE
Auto-ignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards.

10.2 Chemical stability

Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

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10.5 Incompatible materials

Incompatible with oxidising agents (eg. hypochlorites) and alkalis (eg. sodium hydroxide).

10.6 Hazardous decomposition products

May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No specific acute toxicity data exists for this product. However, the product is expected to be of low toxicity. LD50 (Ingestion): > 5000 mg/kg (estimated)
Skin	This product has the potential to cause irritation due to its acidic nature. However, the available data is not considered sufficient for classification as a skin irritant.
Eye	This product has the potential to cause irritation due to its acidic nature. However, the available data is not considered sufficient for classification as an eye irritant.
Sensitization	Available data is not considered sufficient for classification as a skin or respiratory sensitizer.
Mutagenicity	Insufficient data for classification as a mutagen.
Carcinogenicity	Insufficient data for classification as a carcinogen.
Reproductive	Insufficient data for classification as a reproductive toxin.
STOT – single exposure	No relevant or reliable studies were identified.
STOT – repeated exposure	No relevant or reliable studies were identified.
Aspiration	Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

12.2 Persistence and degradability

Expected to be biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal	For small amounts, absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information. Ensure that appropriate personal protective equipment is used during disposal.
Legislation	Dispose of in accordance with relevant local legislation.

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14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO THE ADG CODE

	LAND TRANSPORT	SEA TRANSPORT	AIR TRANSPORT
<u>14.1 UN number</u>	None Allocated	None Allocated	None Allocated
<u>14.2 UN proper shipping name</u>	None Allocated	None Allocated	None Allocated
<u>14.3 Transport hazard classes</u>	None Allocated	None Allocated	None Allocated
<u>14.4 Packing group</u>	None Allocated	None Allocated	None Allocated
<u>14.5 Environmental hazards</u>	None Allocated	None Allocated	None Allocated
<u>14.6 Special precautions for user</u>	None Allocated	None Allocated	None Allocated

15. REGULATORY INFORMATION

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

Poison Schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Risk phrases	None allocated.
Safety phrases	None allocated.
Inventory listing(s)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS.

16. OTHER INFORMATION

Abbreviations	ACGIH - American Conference of Industrial Hygienists. ADG - Australian Dangerous Goods. BEI - Biological Exposure Indice(s). CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds. CNS - Central Nervous System. EC No - European Community Number. HSNO - Hazardous Substances and New Organisms. IARC - International Agency for Research on Cancer. mg/m3 - Milligrams per Cubic Metre. NOS - Not Otherwise Specified. pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). ppm - Parts Per Million. RTECS - Registry of Toxic Effects of Chemical Substances. STEL - Short Term Exposure Limit. SWA - Safe Work Australia. TWA - Time Weighted Average.
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Report status	This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While RMT 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, RMT 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.
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Product name **TB-30ND WELD CLEANING FLUID STAINLESS STEEL**

Revision History Revision Number: v1.1
Description: Modified product name.

SDS Date: 15 March 2012

End of Report