

**SAFETY DATA SHEET**  
**R222A WELD SPATTER RELEASE (WATER BASED)**



**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME **R222A WELD SPATTER RELEASE (WATER BASED)**

SUPPLIER Tygris  
 Unit 31, Kyle Road Industrial Estate  
 Irvine  
 Scotland  
 KA12 8LE  
 01294 311066  
 technical@tygrisindustrial.com

**2 HAZARDS IDENTIFICATION**

Not regarded as a health or environmental hazard under current legislation.

**3 COMPOSITION INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
ALCOHOL ETHOXYLATE		68439-45-2	1-5%	Xn;R22. Xi;R41.
DIETHANOLAMINE	203-868-0	111-42-2	< 1%	Xn;R22,R48/22 Xi;R38,R41

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**INGESTION**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

**SKIN CONTACT**

Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**6 ACCIDENTAL RELEASE MEASURES**

**SPILL CLEAN UP METHODS**

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

**8 EXPOSURE CONTROLS PERSONAL PROTECTION**

**R222A WELD SPATTER RELEASE (WATER BASED)**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
DIETHANOLAMINE	OES	3 ppm	13 mg/m3			

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol
COLOUR	White
ODOUR	Characteristic
SOLUBILITY	Soluble in water

**10 STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid excessive heat for prolonged periods of time.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

**11 TOXICOLOGICAL INFORMATION**

**INHALATION**

Gas or vapour may irritate respiratory system.

**INGESTION**

Gastrointestinal symptoms, including upset stomach.

**SKIN CONTACT**

Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Irritating to eyes.

**HEALTH WARNINGS**

No specific health warnings noted.

**ROUTE OF ENTRY**

Ingestion. Inhalation. Skin and/or eye contact.

**R222A WELD SPATTER RELEASE (WATER BASED)**

**12 ECOLOGICAL INFORMATION**

ECOTOXICITY

Not regarded as dangerous for the environment.

**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**



UK ROAD CLASS	2		
PROPER SHIPPING NAME	AEROSOLS		
RAIL TRANSPORT NOTES	Not Classified.		
SEA TRANSPORT NOTES	Not Classified.		
AIR TRANSPORT NOTES	Not Classified.		
UN NO. ROAD	1950	UK ROAD PACK GR.	N/A
ADR CLASS NO.	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	N/A	TUNNEL RESTRICTION CODE	(E)
ADR LABEL NO.	2.2	CEFIC TEC(R) NO.	20G5A, 20G5O
RID CLASS NO.	2	RID PACK GROUP	N/A
UN NO. SEA	1950	IMDG CLASS	2.2
IMDG PACK GR.	N/A	EMS	F-D, S-U
MARINE POLLUTANT	No.	UN NO. AIR	1950
AIR CLASS	2.2	AIR PACK GR.	N/A

**15 REGULATORY INFORMATION**

RISK PHRASES

NC Not classified.

SAFETY PHRASES

- P13 Safety data sheet available for professional user on request.
- S2 Keep out of the reach of children
- S23 Do not breathe vapour/spray.
- S51 Use only in well-ventilated areas.

UK REGULATORY REFERENCES

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.  
 The Control of Substances Hazardous to Health Regulations 2002.

STATUTORY INSTRUMENTS

The Control of Substances Hazardous to Health Regulations 2002.  
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

## R222A WELD SPATTER RELEASE (WATER BASED)

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

### 16 OTHER INFORMATION

#### INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION DATE 25/10/2010

REV. NO./REPL. SDS GENERATED 7

#### RISK PHRASES IN FULL

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

#### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.