



aquapurge

purging compounds
for the plastics industry

Barrel Blitz **UNIVERSAL**

Safety Data Sheet

Performed and reported by: John Steadman, Technical Director

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**purging with the
professionals**

**SAFETY DATA SHEET
Barrel Blitz Universal**

1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY

PRODUCT NAME: Barrel Blitz Universal
SUPPLIER: Aquapurge
Unit 7 Craufurd Business Park
Silverdale Rd,
Hayes, Middlesex UB3 3BN
Telephone: 020 8813 7990

EMERGENCY TELEPHONES:

020 8813 7990 (Office hours)
07850 852 872 (Transport emergencies: 24 hours)

3 HAZARDS IDENTIFICATION

- Information pertaining to particular dangers for man and environment
The molten product adheres to the skin and causes burns
The working steams can irritate the eyes as well as the respiratory tract
Prolonged exposure to dust may cause respiratory problems

2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS

Contains ingredient(s) which are either unclassified or below the concentration requiring declaration under the CHIP Regulations:

Chemical name	CAS Number	% of Composition	Dust Exposure Limits	
			LTEL 8hr TWA (mg/m ³) Total	LTEL 8hr TWA (mg/m ³) Repairable
Proprietary Formulation		45 – 55	10	0.8
Crystalline Silica Quarts	14808-60-7	<1		0.1



4 FIRST AID MEASURES

INHALATION:	Inhalation: Move subject away to fresh air. All rescuers should make sure they have proper respiratory equipment before attempting rescue.
SKIN CONTACT (Granual):	Wash thoroughly with soap and water after use
SKIN CONTACT (Molten Polymer):	Immediately flood affected area and adhering polymer with plenty of cold water. DO NOT attempt to remove molten or solidified material from the skin. Obtain medical attention.
EYE CONTACT:	Irrigate the eye with water or eye wash solution and seek medical attention. Immediately wash out with flowing water for at least 10 minutes, holding the eyelids apart. Obtain medical attention if irritation persists.
INGESTION:	No particular measures required.
NOTES TO PHYSICIAN:	Treat as symptomatic.

5 FIRE FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES:	Extinguish fires with alcohol-resistant foam, dry powder or carbon dioxide. On heating to decomposition, toxic gases may be produced, therefore breathing apparatus should be worn in cases of fire.
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HAZARDOUS DECOMPOSITION PRODUCTS:	On heating to total decomposition, the following may be produced: water (H ₂ O), Carbon dioxide (CO ²), and when lacking oxygen (O ²), carbon monoxide (CO)
	The products of the burning are dangerous
	The formation of hydrocarbons and aldehydes are possible in the initial stages of the fire (especially between 400 ⁰ C and 700 ⁰ C)



6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:

The contaminated molten purging agent should be cooled then transferred to containers and disposed of via a licensed waste disposal contractor.

Vacuum, sweep or shovel granules to prevent slipping

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:

Avoid contact with the eyes.

Avoid creating airborne dust wherever possible.

Where dust is generated then engineering dust control measures e.g. LEV; should be considered.

Avoid inhalation of spray or steam from the molten Purge.

Always wear the appropriate personal protective equipment when using or handling this product in its molten form.

Provide eye baths near where this product is used.

Do not eat or drink while handling or using this product. Do not ingest the product.

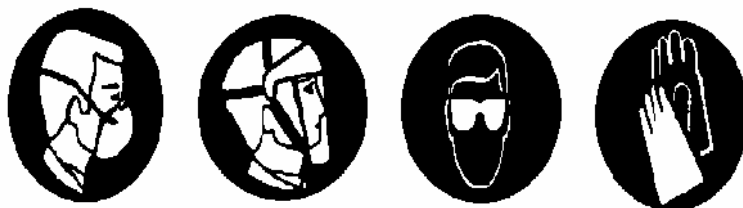
Wash hands after use.

STORAGE PRECAUTIONS:

Store away from strong acids and foodstuffs. Store and transport the product in its original container kept in an upright position. Keep containers closed when not in use. Store between - 8^oC and 40^oC.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PROTECTIVE EQUIPMENT:



VENTILATION:

General and/or local exhaust ventilation should be provided to keep operator exposure to the concentrated dust below HSE Guidance Notes EH40. See section 3. Under normal conditions of handling the product as supplied, respiratory protective equipment should not be required but use appropriate engineering controls to maintain dust levels below LTEL 8hr TWA.

PROTECTIVE GLOVES:

Wear heat impervious gloves complying with an approved standard. Suitable gloves would be those manufactured from Kevlar or natural leather.

EYE PROTECTION:

If no purge guard is available, wear eye/face protection complying with an approved standard (e.g. BS 2092 Chemical Grade). In most conditions, this would consist of goggles or face visor.

OTHER PROTECTION:

Good industrial hygiene procedures should be observed when handling Barrel Blitz Universal. Protective clothing should be available where necessary.

9 PHYSICAL AND CHEMICAL PROPERTIES

COLOUR:	Mixed granulates.
APPEARANCE:	White granules and Pellets
ODOUR/TASTE	No significant or characteristic odour.
DENSITY	1660 (kg/m ³)
MELTING POINT	100 - 163 °C

10 STABILITY

PHYSICAL/CHEMICAL CHARACTERISTICS:

Under normal conditions of storage and use, this product will be stable.



SHELF LIFE:

The shelf life of this product is expected to be 5 years from the date of manufacture, provided it is kept in the original container, sealed when not in use and not exposed to extremes of temperature.

HAZARDOUS POLYMERISATION:

Under normal conditions of storage and use, hazardous polymerisation of this product will not occur.

MATERIALS TO AVOID:

Reacts with mineral acids evolving CO².

CONDITIONS TO AVOID:

No specific conditions to avoid known, other than those involving contact with the materials specified in the section "materials to avoid".

HAZARDOUS DECOMPOSITION PRODUCTS:

There are no hazardous decomposition products known at room temperature.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS:

In the molten condition this product may adhere to clothing or skin. The working solution may cause mild irritation to the skin.

ACUTE AND CHRONIC HEALTH HAZARDS:

No specific acute or chronic effects known.

TOXICOLOGICAL INFORMATION:

No specific toxicological tests have been carried out on this product.

The review of available experimental data suggests that over exposure to respirable crystalline silica (RCS) dust can cause silicosis, a form of progressive pulmonary fibrosis. Long term exposure to high levels of RCS dust can also lead to an increased risk of developing lung cancer. However, the phase 2 review carried out by the HSE (EH75/5) concludes that although RCS is a cause of lung cancer in humans, it is not a potent carcinogen. In July 2006 the Health and Safety Commission agreed to revise the Workplace Exposure Limit (WEL) for RCS to 0.1mg/m³ and note that this is being kept under review.



12 ECOLOGICAL INFORMATION

INFORMATION ABOUT ELIMINATION (PERSISTENCE AND DEGRADABILITY):

No specific biodegradability tests have been carried out on this product. The product contains a mixture of ingredients, some classified as readily biodegradable, some classified as non biodegradable and some for which no degradability information is available.

BEHAVIOUR IN ENVIRONMENTAL SYSTEMS:

Do not allow the product to enter local authority drains, waterways or sewers, or soil. This product should not be used for the manufacture of moulded products as the physical properties and chemical inertia have not been verified.

MOBILITY AND IOACCUMULATION POTENTIAL:

Floats on water
Due to its consistency and lack of water solubility, bio-availability is unlikely.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

Bulk quantities of unused product and emptied containers should be disposed of via a licensed waste disposal contractor. Disposal of this product, solutions and by-products should at all times comply with the requirements of the Environmental Protection Act and its subsidiary regulations and any regional authority requirements.



14 TRANSPORT AND HANDLING INFORMATION

ROAD:

LABEL FOR CONVEYANCE:

No transport warning sign required.

SEA:

MARINE POLLUTANT:

No.

15 REGULATORY INFORMATION

Non Hazardous

UK REGULATORY REFERENCES:

Health and Safety at Work Act 1974,
Control of Substances Hazardous to Health
Regulations.
Chemicals (Hazard Information and Packaging for
Supply) Regulations. Environmental
Protection Act. Environmental Protecting
(Duty of Care) Regulations.
Control of Pollution (Special Waste) Regulations.

16 OTHER INFORMATION

USER NOTES:

This Safety Data Sheet has been compiled for the product as supplied. It should be noted that this Safety Data Sheet only outlines the hazards of the product specified and not constitute a users work place risk assessment as required by other health and safety legislation.

For further safety-related information, please contact:

AQUAPURGE
Unit 7 Craufurd Business Park
Silverdale Road
Hayes
Middlesex UB3 3BN

Telephone: 020 8813 7990



RECOMMENDED USES AND RESTRICTIONS:

This product is intended to be used industrially/commercially as a chemical process for cleaning Plastic Manufacturing Machinery. It should not be used for domestic purposes or for any other industrial/commercial use without the prior approval of Aquapurge.

INFORMATION SOURCES:

Raw material suppliers Safety Data Sheets.
Directive EEC 67/548 and following adaption's.
Directive 1999/45/EC, as amended 1907/2006/EC
Directive 2001/58/EC
RTECS (Registry of toxic effects of chemical substances 1985-1985 edition)
EINECS/ELINCS
Respirable Crystalline Silica – Phase 1 HSE EH75/4
Respirable Crystalline Silica – Phase 2 HSE EH75/5
Respirable Crystalline Silica – HSE EH59/2

ISSUE DATE (dd-mm-yyyy):

03-11-2009





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