

Product Blu62 Pre treatment Foam
Revision Date 14/08/2015
Revision 2
Supersedes date 01/11/2014



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Blu62 Pre treatment Foam

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses No specific uses are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Stryker Distribution
6300 S. Sprinkle Road
Portage,
MI 49002
United States
T: 2693893706

Contact Person Becca.Schramm@stryker.com

Manufacturer Stryker Instruments
4100 E. Milham Avenue
Kalamazoo
Michigan
49001
United States

1.4. Emergency telephone number

From Europe 00353 61 498200 (24 hrs)
From the US or Canada CHEMTREC 1-(800)-424-9300

For Hazardous Materials [or Dangerous Goods] Incidents ONLY (spill, leak, fire, exposure or accident), call CHEMTREC within the USA and Canada at **800-424-9300** or globally at **703-527-3887** (collect calls accepted).

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification in accordance with EC 1272/2008.

Not Classified.

2.1.2 Classification in accordance with GHS

Not Classified.

2.1.3 Classification in accordance with 29 CFR 1910 (OSHA HCS)

This product is Not Hazardous under the OSHA Hazard communication Standard.

2.1.4 Classification in accordance with HSNO

Not Classified as hazardous in accordance with HSNO.

2.1.5 Classification in accordance with WHMIS

Not Classified in accordance with WHMIS.

2.1.6 Classification in accordance with HMIS

Health Hazard	1
Flammability	0
Reactivity	0

2.1.7 Classification in accordance with NFPA

Health Hazard	1
Flammability	0

Reactivity 0

2.2 Label elements

Label in Accordance with (EC) No. 1272/2008	No pictogram required.
Signal Word	No Signal Word
Hazard Statements	No hazard statements required.
Precautionary Statements	<p>P264 Wash thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/eye protection/face protection.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>

2.3 Other hazards

No additional information available.

2.3.1 Potential Health Effects

Inhalation	Not an expected route of entry; however inhalation of spray mist may cause slight irritation of throat and lungs.
Ingestion	Not an expected route of entry; however swallowing large amounts may cause injury.
Skin	Exposure to liquid product may be slightly irritating to skin. Symptoms of exposure may include redness, swelling or pain.
Eyes	Exposure to liquid product may cause slight irritation to eyes. Symptoms of exposure may include redness, swelling, tearing or pain.
Route of Entry Target Organs	No Information Available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a preparation.

3.2. Mixtures

Product name	Product identifier	%	GHS Classification (EC 1272/2008)
Alcohols, C10-16	CAS-No.: 67762-41-8 EC No.: 267-019-6	<1%	Aquatic Acute 1 - H400
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	CAS-No.: 68585-47-7 EC No.: 271-557-7	<1%	Acute Tox.4 H302, Skin Irrit.2 –H315, Eye Damage.1– H318

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	If irritation occurs; remove to fresh air. Seek medical assistance if irritation persists.
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Ingestion	Not applicable; however if ingestion of a large amount does occur, seek medical attention. Do NOT induce vomiting.
Skin contact	Wash area thoroughly with water, then with soap and water. Contaminated clothing should be washed before reuse.
Eye contact	Immediately flush eyes, including under the eyelids, with running water for 15 minutes. Seek medical assistance if irritation persists.

4.2. Most important symptoms and effects, both acute and delayed

General information	May be irritating to skin and eyes.
Inhalation	Not an expected route of entry; however inhalation of spray mist may cause slight irritation of throat and lungs.
Ingestion	Not an expected route of entry; however swallowing large amounts may cause injury.
Skin contact	Exposure to liquid product may be slightly irritating to skin. Symptoms of exposure may include redness, swelling or pain.
Eye contact	Exposure to liquid product may cause slight irritation to eyes. Symptoms of exposure may include redness, swelling, tearing or pain.

4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Water (fog) or foam for large fires. CO2 or dry chemicals for small fires.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include oxides of carbon and sulfur in large fires.
Unusual Fire & Explosion Hazards	None.
Specific hazards	None.

5.3. Advice for firefighters

Special Fire Fighting Procedures	Liquid will not sustain combustion.
Protective equipment for fire-fighters	Self contained breathing apparatus and full protective clothing must be worn in case of fire. Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Isolate area and keep unauthorized and unprotected personnel from entering area. Spills will result in slippery conditions; use caution in spill area.

6.2. Environmental precautions

Wash contaminated area with copious amounts of water and flush into sanitary sewer line(s).

6.3. Methods and material for containment and cleaning up

Contain spilled material and recover as much of the material as practicable. Soak up remainder with sand, vermiculite, or other inert absorbent material and haul to approved dump in accordance with federal, state and local regulations.

6.4. Reference to other sections

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Wash hands thoroughly after handling. Do not get in eyes.

7.2. Conditions for safe storage, including any incompatibilities

Containers should be stored at temperatures between 55 and 100 °F for product stability. Do not store with strong oxidizing agents. Avoid excessive heat.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No occupational exposure limits noted for ingredient(s)

8.2. Exposure controls

8.2.1 Engineering measures

No special controls needed.

8.2.2 Protective equipment

Eye protection

Splash protection eyewear with side shields.

Skin protection

Protective gloves.

Other protection

Eye bath or safety shower nearby.



8.2.3 Environmental Exposure Controls

Do not discharge into drains, water courses or onto the ground.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance	Liquid.
b) Colour	Blue.
c) Odour	Slight aromatic odor.
d) Solubility	Infinite.
e) Initial boiling point and boiling range(°C)	> 212 °F (>100 °C).
f) Melting point (°C)	No information available.
g) Relative density	No information available.
h) Bulk Density	8.6 to 8.8 lb @ 77 °F (25 °C), gallon.
i) Vapour density (air=1)	No information available.
j) Vapour pressure	No Information available.
k) Evaporation rate	No information available.
l) Evaporation Factor	No information available.
m) pH-Value, Conc. Solution	6.5-8.5
n) Viscosity	Not information available.
o) Solubility Value (G/100G H2O @20°C)	Not information available.
p) Flash point (°C)	No information available.
q) Auto Ignition Temperature (°C)	No information available.
r) Flammability Limit - Lower(%)	No information available.
s) Flammability Limit - Upper(%)	No information available.
t) Explosive properties	No information available.

u) Oxidising properties No information available.

9.2. Other information

No Data.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Strong oxidizers, strongly acidicsolutions

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Reaction with: Strong oxidizers, strongly acidicsolutions.

Hazardous Polymerisation Will not polymerise.

10.4. Conditions to avoid

Do not mix with strong oxidizers or strongly acidic solutions.

10.5. Incompatible materials

Materials To Avoid Strong oxidizers, strongly acidicsolutions.

10.6. Hazardous decomposition products

No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

11.1.1 Toxicological Information

No toxicological information for the overall finished product

11.1.2 Acute toxicity:

No information available.

11.1.3 Skin Corrosion/Irritation:

No information available.

11.1.4 Serious eye damage/irritation:

No information available.

11.1.5 Respiratory or skin sensitisation:

Respiratory sensitisation No information available.

Skin sensitisation No information available.

11.1.6 Germ cell mutagenicity:

Genotoxicity - In Vitro No information available.

Genotoxicity - In Vivo No information available.

11.1.7 Carcinogenicity:

IARC Carcinogenicity No information available.

NTP Carcinogenicity No information available.

11.1.8 Specific target organ toxicity - single exposure:

STOT - Single exposure No information available.

STOT - Repeated exposure

No information available.

11.1.9 Route of entry

No information available.

11.1.10 Target Organs

No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No information available.

12.2. Toxicity

Acute Toxicity - Fish No Data.

Acute Toxicity - Aquatic Invertebrates No Data.

Acute Toxicity - Aquatic Plants No Data.

12.3. Persistence and degradability

Degradability This product is readily biodegradable.

12.4 Degradability

Bioaccumulative potential No data available on bioaccumulation.

12.5. Mobility in soil

Mobility: No information available.

12.6. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.2. Waste treatment methods

Do NOT dump into any sewers, on the ground or into any body of water. Rinse containers before disposal. Since emptied containers contain product residue, follow label warnings even after container is emptied. Dispose of all waste in accordance with local, state, and federal regulations covering solid waste disposal.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 International Legislation

15.1.1. EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.1.2. Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all information required by the Controlled Products Regulations.

15.1.3 Australian Regulations

Carcinogen Classification under WHS Regulation 2011, Schedule 10.	Not Listed
Standard for the uniform Scheduling of Medicines and Poisons	Not Listed

15.1.4 US Regulations

This safety Data Sheet according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

SARA Section 302	Not listed
SARA 313 Emission Reporting	Not listed
California Prop 65 Carcinogens and Reproductive Toxins	Not listed
Massachusetts "Right-To-Know" List	Not listed
New Jersey "Right-To-Know" List	Not listed
Pennsylvania "Right-To-Know" List	Not listed

15.2 International Inventories

EU-EINECS/ELINCS	All listed.	Korea-KECI	All listed
Canda- DSL/NDSL	All listed on DSL	China-IECSC	All listed
US-TSCA	Not listed	Phillipines-PICCS	All listed
Australia-AICS	All listed	New Zealand-NZIOC	All listed
Japan-MITI	All listed		

15.3 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Indication of Changes	SDS update to reflect GHS and formatting of document.
Revision Date	07/08/2015
Revision	2
Hazard Statements In Full	Not Applicable.

Disclaimer

The foregoing information has been compiled by Stryker from sources it considers reliable and as of the date of this document, is believed to be accurate to the best of Stryker's knowledge. Before using the product identified hereon, all of the foregoing information should be carefully considered. The information herein applies only to the product identified hereon and does not relate to its use in combination with any other material or in any process. The information is provided in good faith to comply with

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applicable laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.