



SAFETY DATA SHEET

SECTION 1 — IDENTIFICATION

Product identifier: BioPrep Mesh Preparation Degreaser

Product Code: 4051, 4052, 4053, 4054 & 4055

Relevant identified uses of the substance or mixture: Wetting Agent Stencil Preparation Aid

Chemical Formula: Aqueous/Surfactant Mixture

Supplier name and address:

ALBATROSS USA INC./EXPERT WORLDWIDE

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818-543-5850

Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300
(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This MSDS complies with 29CFR 19190.1200 (Hazard Communication Standard) and WHMIS regulations.

IMPORTANT: Read this MSDS before handling and disposing of this product. Pass this information on to employees, customers, and users of this product.

SECTION 2 — HAZARD(S) IDENTIFICATION

WARNING!



HAZARD STATEMENTS:

H100s = **General**, H200s = **Physical**, H300s = **Health**, H400s = **Environmental**

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H320 Causes eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

P100s = **General**, P200s = **Prevention**, P300s = **Response**, P400s = **Storage**, P500s = **Disposal**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Classification system:**NFPA Rating (scale 0 – 4)**

Health = 1, Fire = 0, Reactivity = 0

HMIS Rating (scale 0 – 4)**HEALTH FIRE**

Health = 1, Fire = 0, Physical Hazard = 1, Personal Protection = B (Safety Glasses & Gloves)

•Other Hazards:**•Results of PBT and vPvB assessment****•PBT:** Not applicable.**•vPvB:** Not applicable.**SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Composition

68584-22-5	Doecyclobenzene sulphonic acid	3 - 9% wt.
68603-42-9	Diethanolamide	2 - 7% wt.
68584-24-7	Benzosulphonic acid	1 - 6% wt
7732-18-5	Water, distilled	50-100% wt

SECTION 4 — FIRST AID MEASURES

- **Description of first aid measures**
- **After inhalation:**
Supply fresh air or oxygen; call for doctor.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.
- **After swallowing:** DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indications of any immediate medical attention and special treatment needed:**
No further relevant information available.

SECTION 5 — FIRE FIGHTING MEASURES

- **Extinguishing media**
- **Suitable extinguishing agents:**
N/A
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Protective clothing and respiratory protective device.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste in accordance with federal, state and local regulations.
Ensure adequate ventilation.

- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7 — HANDLING & STORAGE

- **Precautions for safe handling.**
Avoid prolonged or repeated contact with skin.
Avoid contact with eyes.
Wash thoroughly after handling.
Prevent formation of aerosols.
Open containers in a well ventilated area and avoid breathing headspace vapors..
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store above 40F.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment (see listings below)**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemical should be followed.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**



Protective Gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

- **Material of gloves**
Nitrile rubber, NBR
Chloroprene rubber, CR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

Safety glasses with side shields.

- **Body protection:** Protective work clothing

SECTION 9 — PHYSICAL & CHEMICAL PROPERTIES

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:

Liquid

Color:

Not determined

- **Odor:**

Characteristic

- **Odor threshold:**

Not determined

- **pH value:**

7.5-8.0

- **Change in condition**

Melting Point:

Undetermined

Boiling Point:

100°C (212°F)

- **Flash Point:**

None

- **Flammability (solid, gaseous):**

Not applicable

- **Ignition temperature:**

Decomposition temperature:

Not determined

- **Auto igniting:**

Product is not self-igniting

- **Danger of explosion:**

Product does not present an explosion hazard

- **Flammable limits:**

Lower:

Not determined

Upper:

Not determined

- **Vapor pressure at 20°C (68°F):**

0.294 mm Hg

- **Specific gravity at 20°C (68°F):**

1.0 g/cm³

- **Relative density:**

Not determined

- **Vapor density :**

Not determined

- **Evaporation rate**

Not determined

- **Solubility in/Miscibility with**

Water:

Soluble

- **Partition coefficient (n-octanol/water):**

Not determined

- **Viscosity:**

Dynamic:

Not determined

Kinematic:

Not determined

SECTION 10— STABILITY & REACTIVITY

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.

- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Temperatures below 40°F (4.4°C)
- **Incompatible materials:**
 - Reacts with oxidizing agents.
 - Water reactive materials such as metallic sodium and potassium.
- **Hazardous decomposition products:**
 - Carbon monoxide and carbon dioxide
 - Hydrocarbons

SECTION 11— TOXICOLOGICAL INFORMATION

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** May irritate the skin.
- **on the eye:** May irritate the eye.
- **Additional toxicological information:**
 - The product is not subject to classification according to internally approved calculation methods for preparations.
 - When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
 - None of the ingredients is listed.
- **NTP (National Toxicology Program)**
 - None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
 - None of the ingredients is listed.

SECTION 12— ECOLOGICAL INFORMATION

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects:** No further relevant information available.

SECTION 13— DISPOSAL CONSIDERATIONS

- **Waste treatment methods**
- **Recommendation:** Must be specially treated adhering to official regulations.

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14— TRANSPORT INFORMATION

- **UN-Number**
- **DOT, ADR, AND, IMDG, IATA** not regulated

- **UN proper shipping name**
- **DOT, ADR, AND, IMDG, IATA** not regulated

- **Transport hazard class(es)**
- **DOT, ADR, AND, IMDG, IATA**
- **Class** not regulated

- **Packaging group**
- **DOT, ADR, IMDG, IATA** not regulated

- **Environmental hazards:** not applicable
- **Special precautions for user** not applicable
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** not applicable
- **UN “Model Regulation”:**

SECTION 15— REGULATORY INFORMATION

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.
- **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity:**
None of the ingredients is listed.
- **(DSL) Canada Domestic Substance List**
All components of this product are on the DSL (Domestic Substance list) or are exempt from DSL requirements.
- **Carcinogenity categories**
- **EPA (Environmental Protection Agency)**
None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH)**
None of the ingredients is listed
- **MAK (German Maximum Workplace Concentration)**
None of the ingredients is listed
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed

- **National regulations:**

- **Water hazard class:** Generally not hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16— OTHER INFORMATION

Although the information and recommendations set forth in this SDS [SDS] are presented in good faith and are believed to be correct as of the date of this SDS [SDS], the supplier/manufacturer makes no representations as to the completeness or accuracy thereof. Information is supplied on the conditions that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will the supplier/manufacturer be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS [SDS].

Abbreviations and acronyms:

RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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