SAFETY DATA SHEET

Conforms to the requirements of the United States Hazard Communication regulation 29 CFR 1910.1200

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **Velox IM-EA10DP**

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

Uses of the Substance/Mixture: Surfactant, wetting and foaming agent, hydrotrope, (for further information refer to the product technical datasheet)

1.3 Details of the supplier of the safety data sheet

Company: Gray Beard Solutions
1931G Rohlwing Road
Rolling Meadows, IL 60008

Prepared by: SDS Coordinator
Date prepared: 4/22/2021 Supersedes: 3/16/2020 Revision: Review and update

1.4 Emergency telephone

Emergency telephone number: CHEMTREC 800-424-9300

2. Hazards identification

GHS classification

Physical Hazards: Not classified
Health Hazards: Eye Damage/Irritation-Category 2B
Environmental Hazards: Not classified

GHS label elements

Hazard pictograms/symbols Not classified

Signal Word: Warning
Hazard Statements: H320: Causes eye irritation

Precautionary Statements:

Prevention: P264: Wash thoroughly after handling
Response: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists, get medical advice/attention

2.1 Emergency overview

Appearance: Amber solution with a mild odor
Warning statements: Based on currently available data, this product does not meet the regulatory definition of a hazardous substance. However, good industrial hygiene practices should be used in handling it.

2.2 Potential health effects

Inhalation effect: Inhalation not likely. Direct contact or exposure to mists may cause irritation
Skin effect: Prolonged or repeated contact not likely to cause irritation
Eye effect: Direct contact or exposure to mists may cause irritation
Ingestion effect: Low acute oral toxicity. May cause nausea, irritation
Chronic effects: Does not contain an ingredient designated by IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater as probable or suspected human carcinogens

2.3 Other hazards

No information available

3. Composition/information on ingredients

3.1 Information on components and impurities

Chemical name	CAS number(s)	GHS Classification	Concentration, %
β-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-, sodium salt (1:1)	64972-19-6	Eye damage/irritation: Category 2B, H320	≥33-≤37
Water	7732-18-5	Not classified	Balance

4. First aid measures

4.1 Description of first-aid measures

General advice:	Show this material safety data sheet to medical personnel. Do not leave affected person unattended. Isolate exposed apparel for laundry before re-use.
If inhaled:	Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin contact:	Wash affected areas with plenty of water. Seek medical attention if irritation develops or persists.
Eye contact:	Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.
Ingestion:	Do not give anything by mouth to an unconscious or convulsing person. Rinse mouth with water. Prevent aspiration of vomit.

4.2 Most important symptoms and effects, both acute and delayed

Risks:	Prolonged or repeated skin contact may aggravate existing skin conditions. Inhalation of mists may aggravate existing chronic respiratory conditions such as asthma, emphysema or bronchitis.

4.3 Indication of any immediate medical attention and special treatment needed

Note to physician:	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

5. Firefighting measures

Flash Point and Method: No flash <200°F (SetaCC)

Flammability class: This product is not combustible.

Autoignition temperature: No information available
Flammability/Explosive limit: No information available

5.1 Extinguishing media

Suitable extinguishing media:	Water spray, foam, multi-purpose powders, carbon dioxide (CO2) Use media suitable for the material that is burning.
Unsuitable extinguishing media:	High volume water jet (frothing possible)

5.2 Special hazards arising from the substance or mixture

Special hazards during fire fighting:	Container may rupture on heating. Harmful or toxic vapors may be released.
On combustion or on thermal decomposition:	On combustion release of carbon oxides

5.3 Advice for firefighters

Special protective equipment for firefighters:	As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.
Specific firefighting methods:	Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side. Contain the extinguishing fluids by diking

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Spill area may be slippery. Wear appropriate protective equipment (See Section 8).

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system

6.3 Methods and material for containment and cleaning up

Recovery:	Stop leak if safe to do so. Absorb spills with vermiculite, fuller's earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread. Keep in suitable, properly labeled, closed containers for disposal.
Decontamination/ cleaning:	Wash non-recoverable remainder with large amounts of water. Clean contaminated surfaces thoroughly. Recover the cleaning water for subsequent disposal.
Disposal:	Dispose of in accordance with local regulations.
Additional advice:	Spill area may be slippery.

6.4 Reference to other sections

No information available

7. Handling and storage

7.1 Precautions for safe handling

Technical measures:	Does not require any specific or particular measures
Advice on sage handling and usage:	Wear appropriate protective equipment. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures for storage:	Does not require any specific or particular measures

Storage conditions

Recommended:	Keep container tightly closed. Keep away from heat, and sunlight. Storage temperature range: 5-30°C. If material freezes, gently thaw prior to use. Mild agitation may be required.
Incompatible products:	Hazardous reactions may occur on contact with certain chemicals. Refer to the list of incompatible materials section 10: “Stability-Reactivity”

7.3 Specific end use(s)

No information available

8. Exposure controls/personal protection

Introductory remarks:
These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal considerations.
Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers

8.1 Control parameters

Components with workplace control parameters

Components	Value type	Value	Basis
Contains no substances with occupational exposure limit values			

8.2 Exposure controls

Control measures

Engineering measures:	In applications where the product will be exposed to elevated temperatures, use local ventilation to remove potential decomposition products.

Personal protective equipment

Respiratory protection:	In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.
Hand protection:	Wear natural rubber gloves. Observe instructions regarding permeability and breakthrough time provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion and contact time.
Eye protection:	Wear safety glasses with side shields or goggles. Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.
Skin and body protection:	Wear footwear protecting against chemicals, and impervious clothing. Choose body protection according to the amount and concentration of the substances in the workplace.
Hygiene measures:	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. 3) Wash exposed skin promptly to remove accidental splashes or contact with material.
Protective measures:	Ensure that eyewash stations and safety showers are close to the workstation location, and that emergency equipment is immediately accessible with instructions for use. The protective equipment must be selected in accordance with current local standards and in following proper use instructions from the supplier of the protective equipment. Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards, and/or risks that may occur during use.

9. Physical and chemical properties

Physical and chemical properties listed represent typical properties and should not be considered product specifications. Refer to product Certificate of Analysis for Product Specifications or contact Gray Beard Solutions for additional information.

9.1 Information on basic physical and chemical properties

Appearance:	Amber liquid
Odor:	Mild characteristic soapy
Odor Threshold:	No data available
pH:	6 – 9 (5% aq. (v/v))
Freezing point:	No information available
Melting point/range:	No information available
Boiling point/boiling range:	No information available

Flash point:	> 100 °C closed cup
Evaporation rate:	No information available
Flammability (solid, gas):	No information available
Flammability/Explosive limit:	No information available
Auto-ignition temperature:	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Density:	1.06 g/ml (25°C)
Solubility:	Water solubility: soluble
Solubility in other solvents:	Alcohols: soluble
Partition coefficient: n-octanol/water:	Not applicable Surface-Active
Thermal decomposition:	No information available
Viscosity:	Low viscosity
Explosive properties:	No information available
Oxidizing properties:	Not considered as oxidizing, Structure-activity relationship (SAR)

9.2 Other information

Ionic character: Amphoteric

10. Stability and reactivity

10.1 Reactivity

No information available

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous polymerization does not occur

10.4 Conditions to avoid

No information available

10.5 Incompatible materials

No information available

10.6 Hazardous decomposition products

On combustion or on thermal decomposition: carbon monoxide, aldehydes, flammable hydrocarbon fragments

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral:	LD_{50} >2,000 mg/kg
Acute dermal:	LD_{50} >5,000 mg/kg
Acute inhalation:	No information available
Acute toxicity (other routes of administration):	No information available

Skin corrosion/irritation

Skin irritation:	Non-irritant

Serious eye damage/eye irritation

Eye irritation:	Causes eye irritation

Respiratory or skin sensitization

Sensitization:	Not classified as sensitizing by skin contact

CMR Summary-

Carcinogenicity

Carcinogenicity:	This product does not contain any ingredient designated as probable or suspected human carcinogens by IARC, ACGIH

Mutagenicity

Genotoxicity in vitro:	No information available
Genotoxicity in vivo:	No information available

Reproduction and development toxicity

Toxicity to reproduction/fertility:	No information available
Developmental toxicity/teratogenicity:	No information available

Specific Target Organ Toxicity (STOT)

STOT-single exposure:	Not a toxicant
STOT-repeated exposure:	No information available

Aspiration toxicity

Aspiration toxicity:	Based on physical properties, not likely to be an aspiration hazard

12. Ecological information

12.1 Toxicity

Aquatic toxicity: No information available

12.2 Persistence and degradability

Biodegradation: No information available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water: No bioaccumulation is to be expected (log Pow<=4)

Bioconcentration factor (BCF): No information available

12.4 Mobility in soil

Known distribution to environmental compartments: No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Other adverse effects

Environmental assessment: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

13. Disposal considerations

13.1 Waste treatment methods

RCRA Waste Code: Not regulated under RCRA 40CFR261

Product disposal: Observe all applicable federal, state, and local regulations.

Packaging: Remove all residue when emptying.

14. Transportation information

DOT Hazard Classification: Not dangerous goods, not regulated

IATA Hazard Classification: Not dangerous goods, not regulated

IMDG Hazard Classification: Not dangerous goods, not regulated

TDG Hazard Classification: Not dangerous goods, not regulated

15. Regulatory information

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

Notification status:

Country	Regulatory list	Notification
USA	TSCA	Listed or in compliance with the requirements the inventory
Canada	DSL	Listed or in compliance with the requirements the inventory
EU	EINECS	Listed or in compliance with the requirements the inventory; 265-295-2
	REACH	List of Pre-Registered Substances
Russia	ECSI	Listed or in compliance with the requirements the inventory
Australia	AIIC	Listed or in compliance with the requirements the inventory
Korea	ECL/AREC	Listed or in compliance with the requirements the inventory; 2004-3-2966
New Zealand	NZIoC	Listed or in compliance with the requirements the inventory
Taiwan	TSCI	Listed or in compliance with the requirements the inventory
Vietnam	VNECI	Listed or in compliance with the requirements the inventory

OSHA Hazard Communication Standard (29 CFR 1910.1200): Hazardous

CERCLA (RQ)

Ingredient(s)	CAS#	Weight	CERCLA RQ	Section 302 TPQ
Not listed				

SARA/EPCRA Extremely Hazardous Substances (302/304)

Ingredient(s)	CAS#	Weight	RQ	TPQ
Not listed				

SARA Hazard Categories (311/312)

Fire	Reactive	Acute health hazard	Chronic health hazard
No	No	Yes	No

SARA Toxic Substances (313) The following components are subject to SARA Section 313 reporting requirements

Ingredient(s)	CAS#	Weight
Not listed		

CAA (311) Volatile Organic compounds

Ingredient(s)	CAS#	Weight
Not listed		

State regulations

California

Prop 65 Components:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Carcinogens & Reproductive Toxicity (CRT):

Not listed

CARB Identified Toxic Air Contaminants:

Not listed

SB-258 Cleaning Products Right to Know:

Not listed

15.2 Other regulations

WHMIS Classification

Classified in accordance with Health Canada Hazardous Products Regulations (SOR/2015-17)

Classification: Not controlled

Harmonized Tariff Schedule Codes

US Census Bureau Schedule B (2014): 3402.19.0000

Departmental Consolidation of the *Customs Tariff* (2014) (Canada): 3402.19.9090

Chemical Weapons Convention List Schedules I, II & III Chemicals

Not listed

Montreal Protocol (Annexes A, B, C, E)

Not listed

Stockholm Convention on Persistent Organic Pollutants

Not listed

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed

16. Other information

NFPA-Classification		**HMIS-Classification**	
Health	1 slight	Health	1 slight
Flammability	0 insignificant	Flammability	0 insignificant
Instability or Reactivity	0 insignificant	Reactivity	0 insignificant
		HMIS PPE	B
		B=Safety glasses, Gloves	

Key or legend to abbreviations and acronyms used in the safety data sheet	
ACGIH: American Conference of Governmental Industrial Hygienists	NIOSH: National Institute for Occupational Safety and Health
HMIS: Hazardous Materials Identification System	NTP: National Toxicology Program
IARC: International Agency for Research on Cancer	OSHA: Occupational Safety and Health Administration
NFPA: National Fire Protection Association	

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