

# SAFETY DATA SHEET



Revision: 16<sup>th</sup> February 2023 Version: 005.2

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Fame V3022

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

- 1.1 Product identifier**  
Product Name Fame Vegetable  
Product Description V3022- Fame Vegetable -Fame  
Trade Name Fame  
Product code V3022  
CAS No. 68990-52-3  
EC No. 273-606-8  
REACH Registration No. 01-2119452785-29-xxxx
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Identified Use(s) Fuel for engines.  
Uses Advised Against Anything other than the above.
- 1.3 Details of the supplier of the safety data sheet**  
Company Identification Vitol SA  
Place des Bergues 3  
1201 Geneva  
Switzerland  
Telephone +31 10 498 7200  
Fax +31 10 452 9545  
E-Mail (competent person) [xreach@vitol.com](mailto:xreach@vitol.com)
- 1.4 Emergency telephone number**  
Emergency Phone No. +44 (0) 1235 239 670, 24/7  
Languages spoken All official European languages.

## SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)** Not hazardous according to current CLP Regulations.
- 2.2 Label elements** According to Regulation (EC) No. 1272/2008 (CLP)  
Product Name V3022- Fame Vegetable -Fame  
Hazard Pictogram(s) None assigned.  
Signal Word(s) None assigned.  
Hazard Statement(s) None assigned.  
Precautionary Statement(s) None assigned.
- 2.3 Other hazards** None known.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

SUBSTANCE	CAS No.	EC No.	REACH Registration No.	%W/W
Fatty acids, vegetable-oil, Me esters	68990-52-3	273-606-8	01-2119485821-32-xxxx	100

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## SECTION 4: FIRST AID MEASURES



### 4.1 Description of first aid measures

Self-protection of the first aider

Inhalation

Skin Contact

Eye Contact

Ingestion

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

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

If it is suspected that fumes are still present, the responder should wear an appropriate mask or self-contained breathing apparatus.

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation develops and persists, get medical attention. Remove clothing and wash thoroughly before use. Wash affected skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

Rinse mouth. Give plenty of water to drink. Get medical attention.

None anticipated.

Unlikely to be required but if necessary treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media

### 5.2 Special hazards arising from the substance or mixture

### 5.3 Advice for firefighters

Extinguish with sand or dry chemical. Foam, Carbon dioxide, Water fog or dry powder

Do not use water jet. Direct water jet may spread the fire.

None known.

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid release to the environment. Dike fire control water for later disposal.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

### 6.2 Environmental precautions

### 6.3 Methods and material for containment and cleaning up

### 6.4 Reference to other sections

Caution - spillages may be slippery. Eliminate sources of ignition. Stop leak if safe to do so. Ensure suitable personal protection during removal of spillages.

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

Adsorb spillages onto sand, earth or any suitable adsorbent material. Ensure that the equipment is adequately grounded. Sweep up and shovel into waste drums or plastic bags. Transfer to a lidded container for disposal or recovery.

See Section: 8,13

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

### 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature

Storage measures

Incompatible materials

Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection. Avoid all contact. Do not ingest. Use personal protective equipment as required. See Section: 8. Keep good industrial hygiene. Wash hands thoroughly after handling. Contaminated clothing should be thoroughly cleaned.

Keep only in original container. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

Stable at ambient temperatures.

Keep only in original container.

Oxidizing agents and strong bases.

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7.3 Specific end use(s) See Section: 1.2

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits None assigned.

8.1.2 Biological limit value Not established.

### 8.1.3 PNECs and DNELs

DNEL	Oral (mg/kg bw/day)	Inhalation (mg/m <sup>3</sup> )	Dermal (mg/kg bw/day)
Industry - Long Term - Systemic effects	-	6.96	10
Consumer - Long Term - Systemic effects	5	23	5

PNEC	Fame Vegetable
Aquatic Compartment	PNEC aqua (freshwater) 2.504 mg/L PNEC aqua (marine water) 2.504 mg/L PNEC aqua (Intermittent release.) 25.04 mg/L PNEC STP 520 mg/L

### 8.2 Exposure controls

8.2.1 Appropriate engineering controls Ensure adequate ventilation. Guarantee that the eye flushing systems and safety showers are located close to the working place.

8.2.2 Individual protection measures, such as personal protective equipment (PPE) Fuels are typically used, transferred and transported in closed systems. If exposure is likely (i.e. during sampling) the following advice may be appropriate. Good hygiene practices and housekeeping measures

Eye/ face protection



Wear eye protection with side protection (EN166).

Skin protection



Wear impervious gloves (EN374). Recommended: PVC

Respiratory protection



Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Yellowish
Odour	Ester-like
Melting point/freezing point	-12 °C
Boiling point or initial boiling point and boiling range	302 - 379 °C
Flammability	Not applicable - Liquid
Lower and upper explosion limit	Not applicable. Non-combustible.
Flash point	164.5 °C
Auto-ignition temperature	261 (+/- 5) °C

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Decomposition temperature	Not established.
pH	Not established.
Kinematic viscosity	4.376 mm <sup>2</sup> /s at 40 °C
Solubility	Water: 0.023 g/ 100 g @ 20 °C Practically insoluble.
Partition coefficient: n-octanol/water (log value)	6.25 log P @ 25 °C
Vapour pressure	0.42 @ 20 °C
Density and/or relative density	0.89 g/cm <sup>3</sup> @ 20 °C
Relative vapour density	Not established.
Particle characteristics	Not established.

9.2 Other information None known.

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None known.
10.4 Conditions to avoid	Electrostatic charge.
10.5 Incompatible materials	Oxidizing agents and strong bases.
10.6 Hazardous decomposition products	Carbon monoxide, Carbon dioxide

## SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	All test data taken from existing ECHA registrations for the substances mentioned.
<b>Acute toxicity</b>	Based upon the available data, the classification criteria are not met.
Ingestion	Not classified. LD50 > 5000 mg/kg bw/day (rat) OECD 401
Inhalation	Not classified. No data.
Skin Contact	Not classified. LD50 > 2000 mg/kg bw/day @ 24 hour(s) (rabbit) EPA OPPTS 870.1200
<b>Skin corrosion/irritation</b>	Based upon the available data, the classification criteria are not met.
	Not classified. OECD 404 (rabbit)
	Mean erythema score : 0.33
	Mean edema score : 0
<b>Serious eye damage/irritation</b>	Based upon the available data, the classification criteria are not met.
	Not classified. OECD 405 (rabbit)
	Mean eye Irritation score - Cornea: 0. Iris: 0. Conjunctivae: 0.16. Chemosis: 0
<b>Respiratory or skin sensitization</b>	Not classified. OECD 406 (Guinea pig) Negative
<b>Skin sensitization</b>	Sensitisation (guinea pig) - Negative OECD 406
<b>Respiratory sensitization</b>	Not classified. No data.
<b>Germ cell mutagenicity</b>	Based upon the available data, the classification criteria are not met.
In vitro	No evidence of mutagenic effects. Bacteria. OECD 471
In vivo	No evidence of mutagenic effects. Hamster. OECD 475
<b>Carcinogenicity</b>	Based upon the available data, the classification criteria are not met. Weight of evidence approach.
<b>Reproductive toxicity</b>	Based upon the available data, the classification criteria are not met.
Toxicity for reproduction	Not classified. NOAEL >1000 mg/kg bw/day (rat) OECD 422
Developmental Toxicity	Not classified. No data.
<b>STOT - single exposure</b>	Based upon the available data, the classification criteria are not met. No data.
<b>STOT - repeated exposure</b>	Based upon the available data, the classification criteria are not met.
Ingestion	Not classified. NOAEL >1000 mg/kg bw/day (rat) OECD 422
Inhalation	Not classified. No data.
Skin Contact	Not classified. No data.
<b>Aspiration hazard</b>	Not classified. Oral: NOAEL >1000 (rat) OECD 422
11.2.1 Endocrine disrupting properties	This substance does not have endocrine disrupting properties with respect to humans.
11.2.2 Other information	None.

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## SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>	Based upon the available data, the classification criteria are not met. EC50 Brachydario rerio $\geq$ 100 000 mg/L (48 hour) OECD 203
12.2	<b>Persistence and degradability</b>	Readily biodegradable (according to OECD criteria).
12.3	<b>Bioaccumulative potential</b>	The substance has low potential for bioaccumulation.
12.4	<b>Mobility in soil</b>	Degradation rate (%) 100
12.5	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
12.6	<b>Endocrine disrupting properties</b>	This substance does not have endocrine disrupting properties with respect to non-target organisms.
12.7	<b>Other adverse effects</b>	None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<b>Waste treatment methods</b>	Dispose of this material and its container as hazardous waste (2008/98/EEC). Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.
	Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	EU Waste Codes: Not applicable

## SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA/ICAO</b>	
14.1	<b>UN number or ID number</b>	None assigned.	None assigned.	<b>None assigned.</b>
14.2	<b>UN proper shipping name</b>	None assigned.	None assigned.	None assigned.
14.3	<b>Transport hazard class(es)</b>	None assigned.	None assigned.	None assigned.
14.4	<b>Packing group</b>	None assigned.	None assigned.	None assigned.
14.5	<b>Environmental hazards</b>	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6	<b>Special precautions for user</b>	See Section: 2		
14.7	<b>Maritime transport in bulk according to IMO instruments</b>	Product name: Fatty acid methyl esters (m) Pollution category: Y Ship type: 2		
14.8	<b>Additional information</b>	None known.		

## SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
15.1.1	<b>EU regulations Authorisations and/or Restrictions On Use</b>	None
15.1.2	<b>National regulations</b>	None known.
15.2	<b>Chemical Safety Assessment</b>	None.

## SECTION 16: OTHER INFORMATION

**The following sections contain revisions or new statements:** New SDS Regulation 2020/878 format, all sections have been updated to include new information. Please review SDS with care.

**References:** Existing ECHA registration(s) for Fatty acids, vegetable-oil, Me esters (CAS No. 68990-52-3).

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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## Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

## Disclaimers

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