



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH**

Alternative number(s) CPI-3910#06-46, F3910-006, NSN# 6850-01-619-1795

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

Relevant identified uses Cleaner degreaser

#### 1.3 Details of the supplier of the safety data sheet

COAST PRODUCTS, INC.  
975 Queen Street  
Honolulu Hawaii 96814  
United States

Telephone: 808-593-8709 | 800-590-2053  
Website: <http://coast-products.com/>

#### 1.4 Emergency telephone number

Emergency information service This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

National Poison Center 800-222-1222

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and category	Hazard statement
A.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
A.3	serious eye damage/eye irritation	2	Eye Irrit. 2	H319
A.4S	skin sensitization	1	Skin Sens. 1	H317
B.6	flammable liquid	4	Flam. Liq. 4	H227

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word warning

- Pictograms

GHS07





# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### - Hazard statements

H227 Combustible liquid.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

### - Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P280 Wear protective gloves/eye protection/face protection.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.  
P501 Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling Limonene, Benzisothiazolinone

### 2.3 Other hazards

This material is combustible, but will not ignite readily.

Hazards not otherwise classified

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Propylene Glycol Butyl Ether	CAS No 5131-66-8	10 - < 25	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Flam. Liq. 4 / H227	
Caprylyl Pyrrolidone	CAS No 2687-94-7	1 - < 5	Skin Corr. 1B / H314	
Limonene	CAS No 5989-27-5	< 1	Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Flam. Liq. 3 / H226	
Benzisothiazolinone	CAS No 2634-33-5	< 1	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317	

For full text of abbreviations: see SECTION 16.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### SECTION 4: First-aid measures

#### 4.1 Description of first-aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

none

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet

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

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

##### Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### SECTION 6: Accidental release measures

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

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

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### Managing of associated risks

#### - Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

#### - Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

### Control of the effects

#### Protect against external exposure, such as

frost

#### - Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

This information is not available.

Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Propylene Glycol Butyl Ether	5131-66-8	DNEL	147 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Propylene Glycol Butyl Ether	5131-66-8	DNEL	52 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Propylene Glycol Butyl Ether	5131-66-8	PNEC	0.525 mg/l	aquatic organisms	freshwater	short-term (single instance)
Propylene Glycol Butyl Ether	5131-66-8	PNEC	0.052 mg/l	aquatic organisms	marine water	short-term (single instance)
Propylene Glycol Butyl Ether	5131-66-8	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Propylene Glycol Butyl Ether	5131-66-8	PNEC	2.36 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Propylene Glycol Butyl Ether	5131-66-8	PNEC	0.236 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Propylene Glycol Butyl Ether	5131-66-8	PNEC	0.16 mg/kg	terrestrial organisms	soil	short-term (single instance)



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid
Color	orange
Particle	not relevant (liquid)
Odor	citrus

#### Other safety parameters

pH (value)	7 - 10
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	62.5 °C at 961.3 mbar
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

Vapor pressure	1.05 mmHg at 25 °C
Density	not determined
Vapor density	this information is not available
Relative density	0.955 – 0.985 (air = 1)
Solubility(ies)	not determined

### Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	194 °C (auto-ignition temperature (liquids and gases))
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

### 9.2 Other information

Temperature class (USA, acc. to NEC 500)	T3A (maximum permissible surface temperature on the equipment: 180°C)
--	---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5 Incompatible materials

Oxidizers



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

##### Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
Benzisothiazolinone	2634-33-5	oral	500 mg/kg

##### Skin corrosion/irritation

Causes skin irritation.

##### Serious eye damage/eye irritation

Causes serious eye irritation.

##### Respiratory or skin sensitization

May cause an allergic skin reaction.

##### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

##### Carcinogenicity

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans			
Name of substance	CAS No	Classification	Number
Limonene	5989-27-5	3	

#### Legend

3 Not classifiable as to carcinogenicity in humans

##### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

##### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

##### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).





# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Propylene Glycol Butyl Ether	5131-66-8	LC50	<1,000 mg/l	fish	96 h
Propylene Glycol Butyl Ether	5131-66-8	EC50	<320 mg/l	fish	96 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Propylene Glycol Butyl Ether	5131-66-8	EC50	>1,000 mg/l	microorganisms	3 h

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Endocrine disrupting properties

None of the ingredients are listed.

### 12.7 Other adverse effects

Data are not available.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

- |      |   |   |
|------|---|---|
| 14.1 | <b>UN number</b>                                      | not subject to transport regulations                                  |
| 14.2 | <b>UN proper shipping name</b>                        | not relevant  |
| 14.3 | <b>Transport hazard class(es)</b>                     | not assigned  |
| 14.4 | <b>Packing group</b>                                  | not assigned  |
| 14.5 | <b>Environmental hazards</b>                          | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 | <b>Special precautions for user</b>                   | There is no additional information.                                   |
| 14.7 | <b>Transport in bulk according to IMO instruments</b> | The cargo is not intended to be carried in bulk.                      |

#### Information for each of the UN Model Regulations

##### **Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

Not subject to transport regulations.

##### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

##### **International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

##### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

##### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

##### Clean Air Act

none of the ingredients are listed

##### Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Limonene	5989-27-5		EU Fragrance Allergens

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

- Hazardous Substances List (MN-ERTK)

none of the ingredients are listed

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Limonene	138-86-3		F2

##### Legend

F2 Flammable - Second Degree

- Hazardous Substance List (RI-RTK)

none of the ingredients are listed

##### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

##### Industry or sector specific available guidance(s)

##### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

Category	Rating	Description
Chronic	/	none
Health	2	temporary or minor injury may occur
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

### National inventories

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
US	TSCA	not all ingredients are listed

#### Legend

REACH Reg. REACH registered substances  
TSCA Toxic Substance Control Act

## 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information, including date of preparation or last revision

### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.1	Alternative number(s): CPI-3910#06-46, F3910-006, NSN# 6850-01-619-2685	Alternative number(s): CPI-3910#06-46, F3910-006, NSN# 6850-01-619-1795	yes



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.3	Details of the supplier of the safety data sheet: Coast Products, Inc. 975 Queen Street Honolulu HI 96814 United States  Telephone: 808-593-8709 e-mail: <a href="http://coast-products.com/">http://coast-products.com/</a>	Details of the supplier of the safety data sheet: COAST PRODUCTS, INC. 975 Queen Street Honolulu Hawaii 96814 United States  Telephone: 808-593-8709   800-590-2053 Website: <a href="http://coast-products.com/">http://coast-products.com/</a>	yes
1.4	Emergency information service: 800-535-5053 This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM	Emergency information service: This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM	yes
2.2		- Precautionary statements: change in the listing (table)	yes
2.3	Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.		yes
9.1		Particle: not relevant (liquid)	yes
12.7	Other adverse effects	Other adverse effects: Data are not available.	yes
14.2	UN proper shipping name: not assigned	UN proper shipping name: not relevant	yes
15.1		Hazardous Substances List (MN-ERTK): none of the ingredients are listed	yes
16		Abbreviations and acronyms: change in the listing (table)	yes

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

Abbr.	Descriptions of used abbreviations
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitization
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.



# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST ORANGE MUSCLE PLUS CONCENTRATE, POUCH

Version number: GHS 2.0  
Replaces version of: 2020-09-29 (GHS 1)

Revision: 2022-10-10

---

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.