AC'TIV

Safety Data Sheet acc. to 29 CFR 1910.1200 App D

SECTION 1: Identification

1.1 Product identifier

Trade name **AC'TIV**

Product code(s) ACT

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

Relevant identified uses Multi-Purpose Cleaner / Degreaser

1.3 Details of the supplier of the safety data sheet

Verax Chemical Company
20102 Broadway Ave
Snohomish WA 98296
United States

Telephone: +1 (360) 668-2431
e-mail: info@veraxproducts.com
Website: www.veraxproducts.com

1.4 Emergency telephone number

Emergency information service US: (800) 535-5053 | INT: 1 (352) 323-3500

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.3.	Serious eye damage/eye irritation.	2A.	Eye Irrit. 2A.	H319.
A.6.	Carcinogenicity.	2.	Carc. 2.	H351.

For full text of abbreviations: see SECTION 16.

2.2 Label elements

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

- Signal word warning

- Pictograms

GHS07, GHS08

- Hazard statements

H319	Causes serious eye irritation.
H351	Suspected of causing cancer.

- Precautionary statements

P201	Obtain special instructions before use.
P280	Wear eye protection/face protection.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P501	When empty, rinse and recycle container according to local regulations.

- Hazardous ingredients for labelling Cocamide DEA

2.3 Other hazards

Hazards not otherwise classified

Harmful to aquatic life (GHS category 3: aquatic toxicity - acute).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.

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.
Alcohols, C9-11, ethoxylated.	CAS No. 68439-46-3.	1 – < 5.	Acute Tox. 4 / H332. Eye Dam. 1 / H318.	
Ethoxylated Alcohol Mixture.	CAS No. 66455-15-0. 68551-12-2. 68002-97-1.	1 – < 5.	Acute Tox. 4 / H302. Eye Dam. 1 / H318.	
Alcohols, C9-11, ethoxylated.	CAS No. 68439-46-3.	1 – < 5.	Acute Tox. 4 / H302.	
Quaternary Amine Compound and Ethoxylated Alcohols.		1 – < 5.	Skin Irrit. 2 / H315. Eye Dam. 1 / H318.	
Cocamide DEA.	CAS No. 68603-42-9. 68155-07-7.	< 1.	Skin Irrit. 2 / H315. Eye Irrit. 2A / H319. Carc. 2 / H351.	

Remarks

For full text of abbreviations: see SECTION 16

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Rinse immediately carefully and thoroughly with eye shower or water. Remove contact lenses, if present and easy to do. Continue rinsing.

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, Alcohol resistant foam, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

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. Fight fire with normal precautions from a reasonable distance.

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

Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Advice on how to clean up a spill

dilute with plenty of water

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. Use only in well-ventilated areas.

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

Control of the effects

Protect against external exposure, such as

frost

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)
this information is not available

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	greenish-blue

Odor	characteristic

Other safety parameters

pH (value)	10
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	not determined
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)
Vapor pressure	1 mmHg at 37.78 °C
Density	8.37 $^{lb}/_{gal}$
Vapor density	this information is not available

Solubility(ies)

- Water solubility	miscible in any proportion

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	not determined
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidizers

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.

Name of substance.	CAS No.	Exposure route.	ATE.
Alcohols, C9-11, ethoxylated.	68439-46-3.	Dermal.	>2,000 $^{mg}/_{kg}$.
Alcohols, C9-11, ethoxylated.	68439-46-3.	Inhalation: vapor.	11 $^{mg}/_{l}$/4h.
Alcohols, C9-11, ethoxylated.	68439-46-3.	Inhalation: dust/mist.	>1.6 $^{mg}/_{l}$/4h.
Ethoxylated Alcohol Mixture.	66455-15-0. 68551-12-2. 68002-97-1.	Oral.	1,000 $^{mg}/_{kg}$.
Ethoxylated Alcohol Mixture.	66455-15-0. 68551-12-2. 68002-97-1.	Dermal.	>2,000 $^{mg}/_{kg}$.
Alcohols, C9-11, ethoxylated.	68439-46-3.	Oral.	1,378 $^{mg}/_{kg}$.
Quaternary Amine Compound and Ethoxylated Alcohols.		Oral.	>2,000 $^{mg}/_{kg}$.
Quaternary Amine Compound and Ethoxylated Alcohols.		Dermal.	>2,000 $^{mg}/_{kg}$.
Cocamide DEA.	68603-42-9. 68155-07-7.	Oral.	>2,000 $^{mg}/_{kg}$.
Cocamide DEA.	68603-42-9. 68155-07-7.	Dermal.	>2,000 $^{mg}/_{kg}$.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Suspected of causing cancer.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans.

Name of substance.	CAS No.	Classification.	Number.
Cocamide DEA.	68603-42-9.	2B.	

Legend

2B	Possibly carcinogenic to 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).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life.

Aquatic toxicity (acute) of components.

Name of substance.	CAS No.	Endpoint.	Value.	Species.	Exposure time.
Alcohols, C9-11, ethoxylated.	68439-46-3.	EC50.	1.4 $^{mg}/_{l}$.	Algae.	96 h.
Alcohols, C9-11, ethoxylated.	68439-46-3.	LC50.	2.5 $^{mg}/_{l}$.	Daphnia.	48 h.
Alcohols, C9-11, ethoxylated.	68439-46-3.	LC50.	5 – 7 $^{mg}/_{l}$.	Rainbow trout (Oncorhynchus mykiss).	96 h.
Ethoxylated Alcohol Mixture.	66455-15-0. 68551-12-2. 68002-97-1.	ErC50.	15 – 20 $^{mg}/_{l}$.	Algae.	72 h.
Ethoxylated Alcohol Mixture.	66455-15-0. 68551-12-2. 68002-97-1.	EC50.	5 – 6 $^{mg}/_{l}$.	Daphnia magna.	48 h.
Ethoxylated Alcohol Mixture.	66455-15-0. 68551-12-2. 68002-97-1.	LC50.	15 – 16 $^{mg}/_{l}$.	Fish.	96 h.
Quaternary Amine Compound and Ethoxylated Alcohols.		LC50.	10 – 30 $^{mg}/_{l}$.	Rainbow trout.	96 h.
Quaternary Amine Compound and Ethoxylated Alcohols.		EC50.	<2 $^{mg}/_{l}$.	Daphnia magna.	48 h.
Quaternary Amine Compound and Ethoxylated Alcohols.		EC50.	1 – 10 $^{mg}/_{l}$.	Algae.	72 h.
Cocamide DEA.	68603-42-9. 68155-07-7.	LC50.	2.4 $^{mg}/_{l}$.	Fish.	96 h.
Cocamide DEA.	68603-42-9. 68155-07-7.	EC50.	3.2 $^{mg}/_{l}$.	Aquatic invertebrates.	48 h.
Cocamide DEA.	68603-42-9. 68155-07-7.	ErC50.	3.9 $^{mg}/_{l}$.	Algae.	72 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
Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.

12.6 Endocrine disrupting properties
Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.

12.7 Other adverse effects
Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Dilute with plenty of water.

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 UN number	not subject to transport regulations
14.2 UN proper shipping name	not relevant
14.3 Transport hazard class(es)	none
14.4 Packing group	not assigned
14.5 Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user
There is no additional information.

14.7 Transport in bulk according to IMO instruments
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.

SECTION 15: Regulatory information

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

National regulations (United States)

Toxic Substance Control Act (TSCA)	not all ingredients are listed (ACTIVE)

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

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.
Cocamide DEA.	68603-42-9.		IARC Carcinogens - 2B. Prop 65.
Sodium hydroxide.	1310-73-2.	PH Adjuster.	OEHHA RELs.
2,2'-iminodiethanol.	111-42-2.		CA TACs. IARC Carcinogens - 2B. OEHHA RELs. Prop 65.
3,7-dimethylocta-2,6-dienal.	5392-40-5.		EU Fragrance Allergens.
2H-chromen-2-one.	91-64-5.		EU Fragrance Allergens.
3,7-dimethylocta-1,6-dien-3-ol.	78-70-6.		EU Fragrance Allergens.
(2E)-3,7-dimethylocta-2,6-dien-1-ol.	106-24-1.		EU Fragrance Allergens.

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category.	Rating.	Description.
Chronic.	*.	Chronic (long-term) health effects may result from repeated overexposure.
Health.	2.	Temporary or minor injury may occur.
Flammability.	0.	Material that will not burn under typical fire conditions.
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.	0.	Material that will not burn under typical fire conditions.
Health.	0.	Material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material.
Instability.	0.	Material that is normally stable, even under fire conditions.
Special hazard.		

National inventories

Country.	Inventory.	Status.
US.	TSCA.	Not all ingredients are listed.

Legend

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

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.
Carc.	Carcinogenicity.
CAS.	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).
DGR.	Dangerous Goods Regulations (see IATA/DGR).
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.
ED.	Endocrine disruptor.
ErC50.	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control.
Eye Dam.	Seriously damaging to the eye.
Eye Irrit.	Irritant to the eye.
GHS.	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations.
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.
RTECS.	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information).
Skin Corr.	Corrosive to skin.
Skin Irrit.	Irritant to skin.
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.
H302.	Harmful if swallowed.
H315.	Causes skin irritation.
H318.	Causes serious eye damage.
H319.	Causes serious eye irritation.
H332.	Harmful if inhaled.
H351.	Suspected of causing cancer.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. Date of compilation. 2025-07-08.