

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : AW-858
Product code : AW-858
Synonyms : Feel Modifier

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Water-borne coatings
Leather tanning, dye, finishing, impregnation and care products.
Restrictions on use : Product for industrial use only

1.3. Supplier

Quaker Color Division of McAdoo & Allen, Inc.
201 S. Hellertown Avenue
Quakertown, PA 18951
USA
T +1-215-536-3520
rd@quakercolor.com - www.QuakerColor.com

1.4. Emergency telephone number

Emergency number : PERS Emergency Response Information: Domestic Shipments and to Canada: 1-800-633-8253
International Shipments: 1-801-629-0667

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2 Causes skin irritation
Serious eye damage/eye irritation Category 1 Causes serious eye damage

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : Causes skin irritation
Causes serious eye damage
Precautionary statements (GHS US) : Wash hands, forearms and face thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center or doctor.
Specific treatment (see supplemental first aid instruction on this label).

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If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Ethoxylated alcohol*	CAS-No.: Trade Secret	≥ 10 – < 20
2,4,7,9-Tetramethyldec-5-yne-4,7-diol	CAS-No.: 126-86-3	≥ 0.1 – < 1

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Water fog.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO₂).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Protect from freezing.
Incompatible products : Strong oxidizing agents.
Special rules on packaging : Protect from freezing.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

Ethoxylated alcohol

No additional information available

2,4,7,9-Tetramethyldec-5-yne-4,7-diol (126-86-3)

No additional information available

Exposure limit values of other components

Octamethylcyclotetrasiloxane (556-67-2)

USA - AIHA - Occupational Exposure Limits

WEEL TWA [ppm]	10 ppm
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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Color	: White
Odor	: Slight Characteristic
Odor threshold	: No data available
pH	: 7.8
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 100 °C
Relative evaporation rate (butyl acetate=1)	: ≥
Flammability	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1
Density	: 8.35 lb/gal
Solubility	: Dispersible in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: > 199.89 mm²/s
Viscosity, dynamic	: > 200 cP
Explosion limits	: No data available
Explosive properties	: Not explosive.
Oxidizing properties	: Not oxidizing.

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Do not freeze.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Ethoxylated alcohol	
LD50 oral rat	2100 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	2100 mg/kg body weight
2,4,7,9-Tetramethyldec-5-yne-4,7-diol (126-86-3)	
LD50 oral rat	> 500 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)
LD50 dermal rabbit	> 1000 mg/kg
LC50 Inhalation - Rat	> 20 mg/l (Exposure time: 1 h)
ATE US (dermal)	1100 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.
pH: 7.8
Serious eye damage/irritation : Causes serious eye damage.
pH: 7.8
Respiratory or skin sensitization : Not classified.

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

2,4,7,9-Tetramethyldec-5-yne-4,7-diol (126-86-3)

NOAEL (oral,rat,90 days)	≈ 150 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified
Viscosity, kinematic	: > 199.89 mm²/s

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Unknown hazards to the aquatic environment (GHS US).
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Ethoxylated alcohol

LC50 - Fish [1]	3 mg/l Source: The ECOTOXicology database
NOEC (chronic)	0.2 mg/l Test organisms (species): Duration: '21 d'

2,4,7,9-Tetramethyldec-5-yne-4,7-diol (126-86-3)

LC50 - Fish [1]	42 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	91 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

12.2. Persistence and degradability

2,4,7,9-Tetramethyldec-5-yne-4,7-diol (126-86-3)

Persistence and degradability	Not readily biodegradable in water.
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12.3. Bioaccumulative potential

Ethoxylated alcohol

Partition coefficient n-octanol/water (Log Pow)	2.83 Source: Quantitative Structure Activity Relation
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2,4,7,9-Tetramethyldec-5-yne-4,7-diol (126-86-3)

BCF - Fish [1]	< 24 (28 day(s), Cyprinus carpio, Flow-through system, Fresh water, Read-across, GLP)
Partition coefficient n-octanol/water (Log Pow)	2.64 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

2,4,7,9-Tetramethyldec-5-yne-4,7-diol (126-86-3)

Surface tension	32.7 mN/m (20 °C, 0.1 g/l)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.634 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

DOT

No data available

TDG

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

TSCA	DSL	NDSL	EC	ECL	TCSI	IECSC	ENCS	NZIoC	PICCS	INSQ	HSIS
X	X					X	X		X		X

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Chemical	U.S. - New Jersey - Right to Know Hazardous Substance List	U.S. - Pennsylvania - RTK (Right to Know) List
Proprietary Silicone	X	X
Water(7732-18-5)	X	X
Ethoxylated alcohol	X	X
2,4,7,9-Tetramethyldec-5-yne-4,7-diol(126-86-3)	X	X

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 09/29/2023

Indication of changes:

Composition/Information on ingredients. Formatting Changes.

Quaker Color SDS US

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.