

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name	Lauryl Alcohol, Natural
Product Number	0261700
CAS-No.	112-53-8

1.2 Product Recommended Use

Flavorings

1.3 Preparation Information

Company	Aurochemicals 7 Nicoll Street Washingtonville, NY 10992
Telephone	845-496-6065
Fax	845-496-6248

1.4 Emergency Telephone Number

1-800-535-5053
International - 1-352-323-3500 collect

Section 2: HAZARD(s) IDENTIFICATION

2.1 Classification of substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Specific target organ toxicity-Single Exposure (Category 3b) Respiratory System, H335
Acute aquatic toxicity (Category 1) H400
Chronic aquatic toxicity (Category 1) H410

2.2 GHS Label Elements, Including precautionary statements

Pictogram



Signal Statement

Warning

Hazard Statement(s)

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H410 Very toxic to aquatic life with long lasting effects

Precautionary Statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapor/spray
P264 Wash skin thoroughly after handling
P271 Use only outdoors or in a well ventilated area
P273 Avoid release to the environment
P280 Wear protective gloves/eye protection/face protection
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312 Call POISON CENTER or doctor/physician if you feel unwell
P332+P313 If skin irritation occurs: Get medical attention/advice

- P337+P313 If eye irritation persists: Get medical attention/advice
 P362 Take off contaminated clothing and wash before re-use
 P391 Collect spillage
 P403+P232 Store in a well ventilated place. Keep container tightly closed
 P405 Store locked up
 P501 Dispose of contents/container to an approved waste disposal plant

2.3 HNOC (Hazards not otherwise classified or not covered by GHS) -None

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	1-Dodecanol Dodecyl alcohol Alcohol C12
Formula	C ₁₂ H ₂₆ O
Molecular Weight	186.33 g/mol
CAS-No	112-53-8
EC-No.	203-982-0

Hazardous Components

Component	Classification	Concentration
Dodecan-1-ol	Skin irritation (Category 2), H315 Eye irritation (Category 2A), H319 Specific target organ toxicity-Single Exposure (Category 3) Respiratory System H336 Acute aquatic toxicity (Category 1) H400 Chronic aquatic toxicity (Category 1) H410	

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice	Consult physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area
Inhalation	Provide fresh air; keep at rest and at a comfortable position to breathe. Consult a physician
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with mild soap and warm water and contact a physician.
Contact with eyes:	Rinse thoroughly with plenty of water for at least 15 as a precaution. Consult a physician. Continue rinsing during transport to hospital
Ingestion	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Clothing contamination:	Remove contaminated clothing and wash before reuse.

4.2 Most important symptoms and effects both acute and delayed

See section 2.2 and or section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

Section 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for fire fighters

Wear self contained breathing apparatus for firefighting if necessary. Emits toxic fumes

- 5.4 Further information under fire conditions
Use water spray to cool unopened containers.

Section 6: ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions, protective equipment and emergency procedures** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area. Avoid breathing Dust.
- 6.2 **Environment precautions** Prevent further leakage or spillage if safe to do so. Do not allow to enter drains or sewage system.
- 6.3 **Methods and materials for containment and clean up** Contain spillage. Soak up with absorbent material. Sweep up with broom and shovel. Place in a suitable, closed container for disposal.
- 6.4 **Specific end use(s)** Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

Section 7: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide adequate ventilation at places where dust is formed.
- 7.2 **Conditions for Safe storage** Keep container tightly closed in a dry and well-ventilated place.
- 7.3 **Specific End use(s)** Flavorings

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**
Components with workplace control parameters: Contains no substances with occupational exposure limit values
- 8.2 **Exposure Controls**
Appropriate Engineering Controls Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the day.
- Personal protective equipment**
These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario.
- Eye/face protection Wear appropriate safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
- Skin protection Wear chemically resistant, Nitrile rubber gloves, 0.4mm when handling this product. Use proper glove removal techniques (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use. Wash and dry hands.
- Body protection Impervious clothing protecting against chemicals, should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.
- Respiratory protection For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a	Appearance	Colorless Liquid at room temperature, Solid at <20°C White crystals
b	Odor	Characteristic, fatty odor, unpleasant at high concentrations Delicate, floral on dilution
c	Odor Threshold	No data available
d	pH	No data available
e	Melting Point /Freezing Point	22-26°C
f	Boiling Point	259-262°C
g	Flash Point	82°C
h	Evaporation Rate	No data available
i	Flammability (Solid, Gas)	No data available
j	Upper/lower Flammability Limit	Upper Explosion Limit: 4% (V) Lower Explosion Limit: 0.6% (V)
k	Vapor pressure	0.1 hPa at 20°C
l	Vapor density	No data available
m	Relative density at 25°C	0.830-0.836
n	Solubility	No data available
o	Partition coefficient: n-octanol/water	log Pow: 5.13
p	Auto-ignition Temp.	No data available
q	Decomposition Temp.	No data available
r	Viscosity	No data available
s	Explosive properties	No data available
t	Oxidizing properties	No data available

9.2 Other Safety Information No data available

Section 10: STABILITY AND REACTIVITY

10.1	Reactivity	No data available
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of Hazardous reactions	No data available
10.4	Conditions to avoid	No data available
10.5	Incompatible materials	Strong oxidizing agents
10.6	Hazardous decomposition products	No data available
10.7	Further Information	No data available

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	
LD50-Oral-Rat	>12,800 mg/kg
LC50-Inhalation	No data available
LD50-Dermal	No data available
Skin corrosion/irritation	Rabbit – Skin irritation Human- Severe skin irritation 3-h
Serious eye damage/eye irritation	No data available

Respiratory or skin sensitization
Germ Cell mutagenicity

No data available
No data available

Carcinogenicity

Mouse – Skin
Tumorigenic: Equivocal Tumorigenic agent by RTECS criteria: Skin and appendages:
Other: Tumors
Tumorigenic: Tumors at site or application

IARC No component of this product, present levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP No component of this product, present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
Teratogenicity

No data available
No data available

Specific target organ toxicity-single exposure (GHS)

Inhalation – May cause respiratory irritation

Specific target organ toxicity-repeated exposures (GHS)

No data available

Aspiration Hazards

No data available

Potential Health effects

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

Synergistic effect
RTECS:

No data available
JR5775000

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Fish:

LC50 – Pimephales promelas (fathead minnow) -0.18 mg/l 96 h

Daphnia and other aquatic invertebrates:

EC50- Daphnia magna (Water flea) - 320 mg/l 48 h

Algae: EC50- Desmodesmus subspicatus (green algae) -0.62-0.97 mg/l 96 h

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required / not conducted

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very Toxic to aquatic life with long lasting effects.

Section 13: DISPOSAL CONSIDERATIONS

Safety Data Sheet

13.1 Disposal methods

Product: According to local regulations
Packaging: According to local regulations

Section 14: TRANSPORT INFORMATION

DOT (US) Not dangerous goods
IMDG UN-Number: 3077 Class: 9 Packing Group: III EMS-No: F-A,S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S. (Dodecan-1-ol)
Marine Pollutant: Marine Pollutant

IATA UN-Number: 3077 Class: 9 Packing Group: III EMS-No: F-A,S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S. (Dodecan-1-ol)

Further Information: EHS-Mark Required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods >5L for liquids or >5kg for solids.

Section 15: REGULATORY INFORMATION

Reach No. A registration number is not available for this substance as its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards Acute Health Hazard

Massachusetts Right to Know components No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know components Dodecan-1-ol CAS# 112-53-8 Rev. Date:

New Jersey Right to Know components Dodecan-1-ol CAS# 112-53-8 Rev. Date:

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.

Section 16: OTHER INFORMATION

HMIS Rating

Health hazard 3
Chronic Health Hazard
Flammability 1
Physical Hazard 0

Further Information

Safety Data Sheet



Aurochemicals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

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