

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name	Nonanoic Acid, Nat
Product Number	0278400
CAS-No.	112-05-0

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

Classification of substance or mixture

2.1

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
 Skin Corrosion (Category 1B), H314
 Serious eye damage (Category 1) H318
 Acute aquatic toxicity (Category 3) H402
 Chronic aquatic toxicity (Category 3) H412

2.2 GHS Label Elements, Including precautionary statements

Pictogram



Signal Statement

DANGER

Hazard Statement(s)

H314 Causes severe skin burns and eye damage
 H412 Harmful to aquatic life with long lasting effects

Precautionary Statement(s)

P264 Wash skin thoroughly after handling
 P273 Avoid release to the environment
 P280 Wear protective gloves/protective clothing/ eye protection / face protection
 P301+P330+P331 IF SWALLOWED: rinse mouth. DO NOT induce vomiting
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 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.
 P310 Immediately call a POISON CENTER or doctor/physician

P363 Wash contaminated clothing before reuse
 P405 Store locked up
 P501 Dispose of contents/container to an approved waste disposal pla

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

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	Pelaronic Acid Acid C9
Formula	C ₉ H ₁₈ O ₂
Molecular Weight	158.24 g/mol
CAS-No	112-05-0
EC-No.	203-931-2
Index No.	607-197-00-8

Hazardous Components

Component	Classification	Concentration
Nonanoic Acid	Skin Corrosion (1B) H314 Aquatic Acute (3) H402 Chronic Aquatic (3) H412	

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 and 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 under fire conditions**

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

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 Inhalation of vapor or mist
- 7.2 **Conditions for Safe storage** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- 7.3 **Specific End use(s)** Flavorings

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components no substance 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 tightly fitting safety goggles with face shield (8 in min). 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 Where risk assessment shows air purifying respirators are appropriate use a full face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator. Use respirators and components tested and approved under appropriate governmental 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 Liquid
Colorless to Pale Yellow
- b Odor Fatty, characteristic, unpleasant taste

Safety Data Sheet

c	Odor Threshold	No data available
d	pH	No data available
e	Melting Point /Freezing Point	No data available
f	Boiling Point	254oC
g	Flash Point	137oC closed cup
h	Evaporation Rate	No data available
i	Flammability (Solid, Gas)	No data available
j	Upper/lower Flammability Limit	No data available
k	Vapor pressure	No data available
l	Vapor density	No data available
m	Relative density at 25oC	0.900-0.910
n	Solubility	Insoluble in water Soluble in most organic solvents
o	Partition coefficient: n-octanol/water	No data available
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	Heat, Flames and sparks.
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	>5,000 mg/kg
LC50-Inhalation	No data available
LD50-Dermal-Rat	>2,000 mg/kg
Skin corrosion/irritation	Guinea Pig Results: Severe skin irritation
Serious eye damage/eye irritation	Rabbit Results: Severe eye irritation
Respiratory or skin sensitization	No data available
Germ Cell mutagenicity	No data available

Carcinogenicity

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	No data available
Teratogenicity	No data available
Specific target organ toxicity-single exposure (GHS)	No data available
Specific target organ toxicity-repeated exposures (GHS)	No data available
Aspiration Hazards	No data available
Signs and Symptoms of Exposure	Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Cough, Shortness of breath, Headache, Nausea
Synergistic effect	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated No data available
RTECS:	RA6650000

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Daphnia and other aquatic invertebrates – EC50 – Daphnia magna (Water Flea) -64 -119 ,g/l 48 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. Harmful to aquatic life

Section 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods	
Product:	According to local regulations
Packaging	According to local regulations

Section 14: TRANSPORT INFORMATION

DOT (US)	UN-Number: 3265 Class: 8 Packing Group: III
Proper shipping name:	Corrosive liquid, acidic, organic n.o.s. (Nonanoic Acid)
Marine Pollutant:	No
Poison Inhalation Hazard:	No
IMDG	UN-Number: 3265 Class: 8 Packing Group: III
Proper shipping name:	CORROSIVE LIQUID, ACIDIC, ORGANIC N.O.S. (NONANOIC ACID)
Marine Pollutant:	No
IATA	UN-Number: 3265 Class: 8 Packing Group: III
Proper shipping name:	Corrosive liquid, acidic, organic n.o.s. (Nonanoic Acid)

Section 15: REGULATORY INFORMATION

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	Nonanoic Acid	CAS# 112-05-0	Rev. Date:
New Jersey Right to Know components	Nonanoic Acid	CAS# 112-05-0	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

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.

Issued by:	Contact Person:
Aurochemicals	Deo N. Persaud
7 Nicoll Street	8/17/2022
Washingtonville, NY 10992 USA	