

Safety Data Sheet Lanceracid (LCA-A)

SDS Revision Date: 02/28/2018

1. Identification

1.1. Product Identifier
Product Identity Lanceracid (LCA-A)
Alternate Names Lanceracid (LCA-A)

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use Neutralizing rinse agent
Application Method See Technical Data Sheet

1.3. Details of the supplier of the safety data sheet
Company Name Lancer Sales USA, Inc.
24 hour Emergency Telephone No. 1150 Emma Oaks Trail, Suite 140
Customer Service: Lancer Sales USA, Inc. Lake Mary, FL 32745
Chemtrec: (800) 424-9300
(407) 327-8488

2. Hazard(s) identification

2.1. Classification of the substance or mixture
Acute Tox. 5:H313 May be harmful in contact with skin. (Not adopted by US OSHA)
Skin Corr. 1B:H314 Causes severe skin burns and eye damage.
Eye Irrit. 2:H319 Causes serious eye irritation.

2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows



Danger

H313 May be harmful in contact with skin
H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation
[Prevention]
P260 Do not breathe mist / vapors / spray
P264 Wash thoroughly after handling.
P280 Wear protective gloves / eye protection / face protection.

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[Response]:
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse continuously 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
P337+313 If eye irritation persists: Get medical advice / attention.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P363 Wash contaminated clothing before reuse.
[Storage]:
P405 Store locked up.
[Disposal]:
P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designation	Weight %	GHS Classification	Notes
Acetic acid CAS Number: 0000064-19-7	25 - 50	Flam. Liq. 3:H228 Skin Corr. 1B; H314, 25% ≤ C < 90% Eye Irrit. 2; H319, 10% ≤ C < 25% Skin Corr. 1A; H314, C < 90% Skin Irrit. 2; H315, 10% ≤ C < 25%	[1][2]

In accordance with paragraph (i) of §1910.1203, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit

[3] PBT substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

In all cases - if of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

Flush with large quantities of water for 15 minutes. Remove contaminated clothing and shoes. Wash before reuse.

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Ingestion

Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

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

Overview

Causes severe skin burns and eye damage. See section 2 for further details.

Eyes

Causes serious eye irritation. May be harmful in contact with skin. Causes severe skin burns and eye damage.

Skin

5. Fire-fighting measures

5.1. Extinguishing media

Use media appropriate for the primary source of fire

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of Carbon

Do not breathe mist / vapors / spray.

5.3. Advice for fire-fighters

None

ERG Guide No. 153

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Absorb a small spill with an inert material and put the spilled material in an appropriate waste disposal. Large spills should be absorbed with dry earth or other non combustible material. Dispose of according to local, state and federal regulations.

Contain, dilute cautiously with water, and neutralize with soda ash or lime.

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7. Handling and storage

7.1. Precautions for safe handling

Protect from physical damage and keep containers tightly closed. Keep containers in cool well ventilated area. Keep away from heat, sparks, open flames and children.

See section 2 for further details. - [Prevention]

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Strong alkalis

See section 2 for further details. - [Storage]

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

CAS No.	Ingredient	Source	Value
0000064-19-7	Acetic acid	OSHA ACGIH NIOSH Supplier	TWA 10 ppm (25 mg/m ³) TWA 10 ppm STEL 15 ppm TWA 10 ppm (25 mg/m ³) ST 15 ppm (37 mg/m ³) No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000064-19-7	Acetic acid	OSHA NTP IARC	Select Carcinogen, No Known, No, Suspected No Group 1, No, Group 2a, No, Group 2b, No, Group 3, No, Group 4, No.

8.2. Exposure controls

Respiratory

Eyes

Skin

Engineering Controls

Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
Chemical resistant clothing such as coveralls/apron and boots should be worn. Chemical impervious gloves required.
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

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Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
See section 2 for further details. - [Prevention]:

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10.5. Incompatible materials

Strong alkalis

10.6. Hazardous decomposition products

Oxides of Carbon

9. Physical and chemical properties

Appearance	Clear Liquid
Odor	Vinegar
Odor threshold	Not Measured
pH	1.0 - 2.5
Melting point / freezing point	-32 F
Initial boiling point and boiling range	> 212 F
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Not Applicable
Vapor pressure (Pa)	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor Density	> 1 (Air = 1)
Specific Gravity	Water based
Solubility in Water	1.02 - 1.04
Partition coefficient n-octanol/water (Log Kow)	Complete
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Flammability	Non-flammable

9.2. Other Information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Excessive heat and open flame

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Acetic acid - (64-19-7)	3,310.00 Rat - Category 5	No data available	No data available	No data available	16,000.00, Rat - Category: NA

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	5	May be harmful in contact with skin. (Not adopted by US OSHA)
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Serious eye damage/irritation	2	Causes serious eye irritation
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

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12. Ecological information

12.1. Toxicity			
No additional information provided for this product. See Section 3 for chemical specific data.			
Aquatic Ecotoxicity			
Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	EC50 algae, mg/l
Acetic acid - (64-19-7)	79.00, Pimephales promelas	65.00, Daphnia magna	73.40 (96 hr), Navicula seminulum

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN2790	UN2790
14.2. UN proper shipping name	UN2790, Acetic acid solution, with more than 10 percent and less than 50 percent acid, by mass	Acetic acid solution, with more than 10 percent and less than 50 percent acid, by mass
14.3. Transport hazard class(es)	DOT Hazard Class: 8	IMDG: 8
14.4. Packing group	III	Sub Class: Not Applicable

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14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

No further information

15. Regulatory information

Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B E

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

Acetic acid (5,000.00)

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Acetic acid

Pennsylvania RTK Substances (>1%):

Acetic acid

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16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the revision date. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this safety data sheet. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

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