

Safety Data Sheet

acc. to OSHA HCS

Printing date 12/02/2021

Version 6

Reviewed on 12/02/2021

1 Identification

- Product identifier

- Trade name: Additive CA

- Article number: 15000000101

- Application of the substance / the mixture

Process auxiliary for surface finishing
Industrial use

- Details of the supplier of the safety data sheet

- Manufacturer/ Supplier:

Rösler Metal Finishing USA, L.L.C.
1551 Denso Road
Battle Creek, MI 49037
USA

Phone: +1(269)441-3000
Fax: +1(269)441-3001
rosler-us@rosler.com
www.rosler.us

- Information department: Department of Product Control

- Emergency telephone number:

Emergency Number (24h emergency contact): CHEMTREC Phone: (800)-424-9300

* 2 Hazard(s) identification

- Classification of the substance or mixture



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

- Label elements

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms



GHS07

- Signal word Warning

- Hazard statements

Causes serious eye irritation.

- Precautionary statements

Wear protective gloves / eye protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

- Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:			
10124-37-5	calcium nitrate	⚠ Eye Irrit. 2A, H319	10-25%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Immediately remove any clothing soiled by the product.
Take affected persons out of danger area and lay down.
Personal protection for the First Aider.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with plenty of water.
Do not induce vomiting; immediately call for medical help.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:**
Do not allow product to enter sewers/ surface or ground water.
Do not allow product to penetrate the ground/soil.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.

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- Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

- Protective Action Criteria for Chemicals

- PAC-1:		
10124-37-5	calcium nitrate	1.2 mg/m ³
- PAC-2:		
10124-37-5	calcium nitrate	13 mg/m ³
- PAC-3:		
10124-37-5	calcium nitrate	79 mg/m ³

* **7 Handling and storage**

- Handling:

- Precautions for safe handling No special measures required.
- Information about protection against explosions and fires: Protect from heat.

- Conditions for safe storage, including any incompatibilities

- Storage:

- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.

- Further information about storage conditions:

Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
Store at 41°F to 104°F
Can be stored for at least 2 years.

- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

- Control parameters

- Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information: The lists that were valid during the creation were used as basis.

- Exposure controls

- Personal protective equipment:

- General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.

- Breathing equipment:

Not necessary in case of intended use.
Use suitable respiratory protective device if vapors occur or aerosol is formed.

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Filter A/P2

- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
After use of gloves apply skin-cleaning agents and skin cosmetics.

- Material of gloves

e.g.

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection:



Tightly sealed goggles

- Body protection: Protective work clothing

9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

Form: Liquid

Color: Clear

- Odor: Characteristic

- pH-value at 20°C (68°F): Not determined

- pH-Value; 5g/l at 20°C (68°F): Not determined

- Melting point/Melting range: Undetermined.

- Boiling point/Boiling range: Undetermined.

- Flash point: Not applicable.

- Flammability (solid, gaseous): Not applicable.

- Decomposition temperature: Not determined.

- Auto igniting: Product is not selfigniting.

- Danger of explosion: Product does not present an explosion hazard.

- Explosion limits:

Lower: Not determined.

Upper: Not determined.

- Vapor pressure at 20 °C (68 °F): Not determined.

- Density at 20°C (68°F): Not determined.

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- **Relative density** Not determined.
- **Vapor density** Not determined.
- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with Water:** Fully miscible.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**
 - Kinematic:** Not determined.
 - Dynamic at 22°C (72°F):** Not determined

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No dangerous reactions in case of intended use.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions in case of intended use.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** None in case of intended use and storage.

11 Toxicological information

- **Information on toxicological effects**

- **Primary irritant effect:**
 - **on the eye:**
This product has to be classified using the calculation set out according to GHS regulation.
Causes serious eye irritation.
- **Additional toxicological information:**

- **Carcinogenic categories**

- IARC (International Agency for Research on Cancer)
None of the ingredients is listed.
- NTP (National Toxicology Program)
None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

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- Behavior in environmental systems:

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- Additional ecological information:

- General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Avoid transfer of product into the environment.

- Results of PBT and vPvB assessment

The product contains no substance which is considered to be persistent, bioaccumulative or toxic (PBT) or as very persistent and very bioaccumulative (vPvB).

13 Disposal considerations

- Waste treatment methods

- Recommendation:

Dispose of in accordance with all applicable federal, state and local regulations.
Disposal must be made according to official regulations.

- Uncleaned packagings:

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- UN-Number

- DOT, ADR, ADN, IMDG, IATA Void

- UN proper shipping name

- DOT, ADR, ADN, IMDG, IATA Void

- Transport hazard class(es)

- DOT, ADR, ADN, IMDG, IATA

- Class Void

- Packing group

- DOT, ADR, IMDG, IATA Void

- **Environmental hazards:** Not applicable.

- **Special precautions for user** Not applicable.

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

- **Transport/Additional information:** Not dangerous according to the above specifications.

- **UN "Model Regulation":** Void

* 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

- Sara

- Section 355 (extremely hazardous substances):

None of the ingredient is listed.

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- Section 313 (Specific toxic chemical listings):	
10124-37-5	calcium nitrate
- TSCA (Toxic Substances Control Act):	
All components have the value ACTIVE.	
- Hazardous Air Pollutants	
None of the ingredients is listed.	
- Proposition 65	
- Chemicals known to cause cancer:	
None of the ingredients is listed.	
- Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
- Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
- Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
- Cancerogenity categories	
- EPA (Environmental Protection Agency)	
None of the ingredients is listed.	
- TLV (Threshold Limit Value)	
None of the ingredients is listed.	
- NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	

- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee or warranty for any specific product features and shall not establish a legally valid contractual relationship. The user is responsible for determining whether the product is suitable for its intended conditions of use.

- Relevant phrases

H319 Causes serious eye irritation.

- Department issuing SDS:

Rösler Oberflächentechnik GmbH
Department of Product Control

- Contact: SDS Coordinator

- Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health

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TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

- Sources

For the preparation of this SDS information from our suppliers, information on chemicals from the European Chemicals Agency (ECHA) and data from the GESTIS database were used.

- * Data compared to the previous version altered.

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