

ZINADOR 35L-LQ-(AP)

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|---------|----------------|---------------|----------------------|--------------|
| Version | Revision Date: | Product code: | Date of last issue: | Print Date : |
| 2.0 | 11/12/2019 | PS48443 | 10/21/2019 | 01/19/2021 |
| | | | Date of first issue: | |
| | | | 08/29/2019 | |

SECTION 1. IDENTIFICATION

Product name : ZINADOR 35L-LQ-(AP)

Manufacturer or supplier's details

Company name of supplier : Croda Inc.
Address : 777 Scudders Mill Road, Bldg. 2
Suite 200
Plainsboro, NJ 08536
US
Telephone : (609) 212-2500
Telefax : (609) 212-2501
Emergency telephone : USA: 24 Hour Emergency Response Information CHEMTREC
toll free: 1-800-424-9300; direct/international: 1-703-527-3887.
CANADA: GFL 1-877-898-7222. EUROPE: 00 32 3575 5555.
ASIA PACIFIC - excl. China: +65 6542-9595. CHINA: +86 816-
635 2206. AUSTRALIA: +61 2 7808 3390. SOUTH AFRICA:
+32 3 575 55 55. BRASIL: Ambipar 0800 117 2020. LATAM:
Suatrans (+55) 11 98149-0850 / (+55) 19 3833-5300. INDIA:
+91 22 30948601/2. JAPAN: +65 6542 9595 (24 時間日本語対
応無料通話, シンガポール). TÜRKIYE: Sağlık Bakanlığı Ulusal
Zehir Merkezi - 114

Recommended use of the chemical and restrictions on use

Recommended use : Home care

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

No hazardous ingredients

The specific chemical identity and/or exact percentage of composition for one or more ingredients has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

If inhaled : If breathed in, move person into fresh air.
If symptoms persist, call a physician.
In case of skin contact : In case of contact, immediately flush skin with soap and plenty

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| | | |
|---|---|---|
| | | of water. |
| | | If symptoms persist, call a physician. |
| In case of eye contact | : | In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| If swallowed | : | If large quantities of this material are swallowed, call a physician immediately. |
| Most important symptoms and effects, both acute and delayed | : | None known. |

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

| | | |
|--|---|---|
| Flash point | : | No data available |
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during fire fighting | : | Do not use a solid water stream as it may scatter and spread fire. |
| Special protective equipment for fire-fighters | : | In the event of fire, wear self-contained breathing apparatus. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|--|
| Personal precautions, protective equipment and emergency procedures | : | Ensure adequate ventilation. Use personal protective equipment. |
| Methods and materials for containment and cleaning up | : | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. |

SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
| Advice on safe handling | : | Handle in accordance with good industrial hygiene and safety practice. |
| Conditions for safe storage | : | Store in original container. Keep container tightly closed in a dry and well-ventilated place. |
| Materials to avoid | : | No special restrictions on storage with other products. |
| Further information on storage stability | : | Stable under recommended storage conditions. |

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.
Eye protection : Safety glasses with side-shields
Skin and body protection : Impervious clothing

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Color : Pale, yellow
Odor : none
Odor Threshold : No data available

pH : 5.4 - 6.6

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Decomposition temperature : No data available

Initial boiling point and boiling range : No data available

Flash point : No data available

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Self-ignition : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

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Density : No data available

Solubility(ies)

Water solubility : soluble

Solubility in other solvents : not determined

Partition coefficient: n-octanol/water : No data available

Autoignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : < 200 mPa.s

Viscosity, kinematic : No data available

Explosive properties : Classification Code: No data available

Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No data available

Chemical stability : No data available

Possibility of hazardous reactions : Stable under recommended storage conditions.
Hazardous polymerization does not occur.

Conditions to avoid : None known.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:
Zinc oxide fumes.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity : No data available:

Acute inhalation toxicity : No data available:

Acute dermal toxicity : No data available:

Skin corrosion/irritation**Product:**

Remarks : No data available

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Serious eye damage/eye irritation**Product:**

Remarks : No data available

Respiratory or skin sensitization**Product:**

Remarks : No data available

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: No data available

Carcinogenicity**Product:**

Carcinogenicity - Assessment : No data available

Reproductive toxicity**Product:**

Reproductive toxicity - Assessment : No data available

STOT-single exposure**Product:**

Assessment : No data available

STOT-repeated exposure**Product:**

Assessment : No data available

Aspiration toxicity**Product:**

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish :
Remarks: No data available

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Persistence and degradability**Product:**

Biodegradability : Remarks: No data available

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No data available

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: No data available

Other adverse effects**Product:**

Additional ecological information : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

| | | |
|------------------------|---|---|
| Waste from residues | : | Dispose of in accordance with local regulations. |
| Contaminated packaging | : | Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

SECTION 14. TRANSPORT INFORMATION**International Regulations****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

Domestic regulation**Special precautions for user**

Remarks : Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations.

SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know****SARA 311/312 Hazards** : No SARA Hazards

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US State Regulations**Pennsylvania Right To Know**

| | |
|--|--------------|
| Water | 7732-18-5 |
| poly (itaconic acid-co-AMPS) sodium, zinc salt | 2220235-78-7 |

New Jersey Right To Know

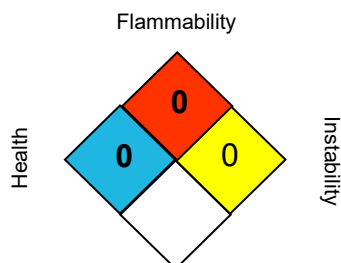
| | |
|--|--------------|
| Water | 7732-18-5 |
| poly (itaconic acid-co-AMPS) sodium, zinc salt | 2220235-78-7 |
| Carboxylic acid compound | 77-92-9 |

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

TSCA : All chemical substances in this product are listed on the TSCA Inventory., This product is subject under TSCA 5(a) to Significant New Use Restrictions (SNUR). This product is subject to TSCA 12(b) Export Notification Requirements.

SECTION 16. OTHER INFORMATION**Further information****NFPA:**

Special hazard.

HMIS II:

| | |
|---------------------|----------|
| HEALTH | 0 |
| FLAMMABILITY | 0 |
| Reactivity | 0 |

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC -

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International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 11/12/2019

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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