

SAFETY DATA SHEET

ADDITIN RC 9720



Version Revision Date: SDS Number: Date of previous issue: 11/29/2017
2.0 12/05/2020 103000012425 Country / Language: US / EN

SECTION 1. IDENTIFICATION

Product name : ADDITIN RC 9720
Material number : 56386223
Recommended use : Additive for lubricants

Manufacturer or supplier's details


Supplier : LANXESS Corporation
 Product Safety & Regulatory Affairs
 111 RIDC Park West Drive
 PittsburghPA 15275-1112
 USA
Telephone : +1800LANXESS
 +14128091000 (international)
Emergency telephone : CHEMTREC (800) 424 9300
 International (703) 527 3887
 Lanxess Emergency Phone (800) 410-3063

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin sensitization : Category 1

GHS label elements

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : May cause an allergic skin reaction.

Precautionary Statements : **Prevention:**
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.

Response:
IF ON SKIN: Wash with plenty of soap and water.

SAFETY DATA SHEET

ADDITIN RC 9720



Version 2.0 Revision Date: 12/05/2020 SDS Number: 103000012425 Date of previous issue: 11/29/2017
Country / Language: US / EN

If skin irritation or rash occurs: Get medical advice/ attention.
Wash contaminated clothing before reuse.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

| Chemical name | CAS-No. | Concentration (% w/w) |
|--|------------|-----------------------|
| Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate | 71888-91-0 | >= 1 - < 5 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

- If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.
- In case of skin contact : Remove contaminated clothing and shoes.
Wash off with soap and water.
Continue to rinse for at least 20 minutes.
Get medical attention.
In the event of any complaints or symptoms, avoid further exposure.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Get medical attention if symptoms appear.
- If swallowed : Rinse mouth with water.
Do not induce vomiting unless directed to do by medical personnel.
Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

- Symptoms : Skin: May cause irritation with symptoms of reddening and itching.
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SAFETY DATA SHEET

ADDITIN RC 9720



Version 2.0 Revision Date: 12/05/2020 SDS Number: 103000012425 Date of previous issue: 11/29/2017
Country / Language: US / EN

Once sensitized, an allergic skin reaction may occur with reddening, swelling, and rash when subsequently exposed to very low levels.

Effects : May cause an allergic skin reaction.

SECTION 5. FIRE-FIGHTING MEASURES

- 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 : None known.
- Further information : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training.
Put on appropriate personal protection equipment.
Do not touch or walk through spilled material.
Evacuate personnel to safe areas.
Keep unnecessary and unprotected personnel from entering.
- Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so.
Move containers from spill area.
Wash spillages into an effluent treatment plant or proceed as follows.
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Dispose of wastes in an approved waste disposal facility.
Do not allow into the sewerage system, surface waters or groundwater or into the soil.
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SAFETY DATA SHEET

ADDITIN RC 9720



Version Revision Date: SDS Number: Date of previous issue: 11/29/2017
2.0 12/05/2020 103000012425 Country / Language: US / EN

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Olefin containing sulfurized products may decompose under certain conditions and release Trimethylpentene. Trimethylpentene can be released during distillations. Distillation in plants with solvent recovery (e.g. degreasing/solvent cleansing plants) may lead to Trimethylpentene accumulation in the solvent circuit, if fractional distillation is not performed. Remove contaminated clothing and protective equipment before entering eating areas. Workers should wash hands and face before eating, drinking and smoking. Put on appropriate personal protection equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- Conditions for safe storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate container to avoid environmental contamination.
- Recommended storage temperature : < 122 °F (< 50 °C)
- Further information on storage stability : No decomposition if stored and applied as directed.
-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

- Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Wear respiratory equipment in case vapours and aerosols
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SAFETY DATA SHEET

ADDITIN RC 9720



Version 2.0 Revision Date: 12/05/2020 SDS Number: 103000012425 Date of previous issue: 11/29/2017
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are emitted.

Hand protection

Material : Chloroprene
Break through time : 240 min
Glove thickness : 0.65 mm
Wearing time : < 30 min

Material : Fluorinated rubber
Break through time : 480 min
Glove thickness : 0.7 mm
Wearing time : < 60 min

Material : Polyvinyl chloride - PVC
Wearing time : < 60 min

Remarks : The obtained break through times according to EN 374 Part III are not measured under normal operating conditions. Therefore a maximum usage time of 50% of the break through time is recommended. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid
Appearance : clear
Color : brown
Odor : characteristic
Odor Threshold : No data available
pH : Not applicable

SAFETY DATA SHEET

ADDITIN RC 9720



Version 2.0 Revision Date: 12/05/2020 SDS Number: 103000012425 Date of previous issue: 11/29/2017
Country / Language: US / EN

Chemical stability : The product is chemically stable.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : Reducing agents
Oxidizing agents
Acids and bases

Hazardous decomposition products : Formation of hydrogen sulphide possible.

SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:

Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 401

Skin corrosion/irritation

Not classified based on available information.

Components:

Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation

SAFETY DATA SHEET

ADDITIN RC 9720



Version 2.0 Revision Date: 12/05/2020 SDS Number: 103000012425 Date of previous issue: 11/29/2017
Country / Language: US / EN

Serious eye damage/eye irritation

Not classified based on available information.

Components:

Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate:

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Components:

Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate:

Test Type: Maximization Test
Species: Guinea pig
Method: OECD Test Guideline 406
Result: May cause sensitization by skin contact.

Germ cell mutagenicity

Not classified based on available information.

Components:

Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate:

Genotoxicity in vitro : Test Type: reverse mutation assay
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

Carcinogenicity

Not classified based on available information.

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

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

SAFETY DATA SHEET

ADDITIN RC 9720



Version 2.0 Revision Date: 12/05/2020 SDS Number: 103000012425 Date of previous issue: 11/29/2017
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Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

RCRA - Resource Conservation and Recovery Authorization Act : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Disposal methods : The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Empty containers retain product residue; observe all precautions for product. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

SECTION 14. TRANSPORT INFORMATION

Domestic regulation

DOT

Not regulated as a dangerous good

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

CERCLA

None

SAFETY DATA SHEET

ADDITIN RC 9720



Version Revision Date: SDS Number: Date of previous issue: 11/29/2017
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Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Respiratory or skin sensitization

SARA 313

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.

US State Regulations

Massachusetts Right To Know

Distillates (petroleum), hydrotreated light paraffinic 64742-55-8

Pennsylvania Right To Know

| | | |
|--|--------------|---------|
| Fatty acids, vegetable-oil, Me esters, sulfurized | 72102-30-8 | 30 - 60 |
| Rape oil | 8002-13-9 | 10 - 30 |
| Pentene, 2,4,4-trimethyl-, sulfurized | 68515-88-8 | 10 - 30 |
| Proprietary vegetable oil | Trade Secret | 7 - 13 |
| Polymer of adipic acid / C8-18 and C18-unsaturated fatty acids / pentaerythritol | 261767-39-9 | 7 - 13 |
| Amines, C12-14-tert-alkyl, reaction products with O,O-di-C1-14-alkyl hydrogen phosphorodithioate | 71888-91-0 | 1 - 5 |
| Proprietary Thiadiazole | Trade Secret | 1 - 5 |
| Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | 1 - 5 |

California Prop. 65

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

TSCA inventory

TSCA : On TSCA Inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SAFETY DATA SHEET

ADDITIN RC 9720



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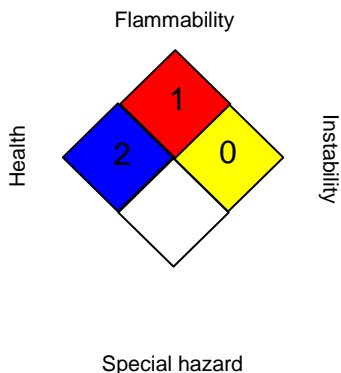
SDS Number:
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Date of previous issue: 11/29/2017
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS® IV:

| | | |
|-----------------|---|---|
| HEALTH | / | 2 |
| FLAMMABILITY | | 1 |
| PHYSICAL HAZARD | | 0 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

LANXESS' method of hazard communication is comprised of Product Labels and Safety Data Sheets. HMIS and NFPA ratings are provided by LANXESS as a customer service.

Revision Date : 12/05/2020

This information is furnished without warranty, express or implied. This information is believed to be accurate to the best knowledge of our knowledge. The information provided in this Safety Data Sheet (SDS) is correct to the best of our knowledge, information and belief at the date of its publication. We assume no legal responsibility for use of or reliance upon the information in this SDS.