

SAFETY DATA SHEET

CLARIANT

AddWorks LXR 920

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Substance key: 000000459857
Version : 2 - 1 / USA

Revision Date: 10/26/2015
Date of printing :04/11/2016

SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Plastics & Coating USA Inc. 4000 Monroe Road Charlotte, NC, 28205 Telephone No.: +1 704 331 7000
Information of the substance/preparation:	Product Safety 1-704-331-7710
Emergency tel. number:	+1 800-424-9300 CHEMTREC

Trade name: AddWorks LXR 920
Material number: 286709

Primary product use: Flame retardants
Chemical family: Mixture of light stabilizer and flame retardant

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Combustible dust :

GHS Label element

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take precautionary measures against static discharge.
P233 Keep container tightly closed.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture • Mixture

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Product	Not Assigned	100

SECTION 4. FIRST AID MEASURES

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- General advice : Get medical advice/ attention if you feel unwell.
Remove contaminated clothing and shoes.
- If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.
- In case of skin contact : Wash with soap and water. Contact physician if irritation or
other symptoms occur. If hot wax strikes skin, drench or
immerse the area in water to assist cooling. Do not remove
wax from a burn after it cools. Consult a physician.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical
attention if eye irritation develops or persists.
- If swallowed : If swallowed, DO NOT induce vomiting.
Do not give anything to drink.
Call a physician immediately.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the
labelling (see section 2).
No additional symptoms are known.
- Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local
circumstances and the surrounding environment.
- Unsuitable extinguishing media : gaseous extinguishing media
- Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
- Electrical grounding of equipment is required to prevent
possible dust explosion. Emits toxic fumes under fire
conditions.
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH
approved self-contained breathing apparatus and full
protective clothing.
- Special protective equipment for firefighters : Self-contained breathing apparatus
Impervious clothing
Protective helmets

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
- Methods and materials for containment and cleaning up : Take up mechanically
Dispose of absorbed material in accordance with the regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid dust formation. Keep away from sources of ignition.
Lead off electrostatic charges.
Avoid inhalation, ingestion and contact with skin and eyes.
Wash thoroughly after handling.
- Technical measures/Precautions : Store in original container.
Keep container tightly closed.
Store in a cool, dry, well-ventilated area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

- Engineering measures** : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.

Personal protective equipment

- Respiratory protection : Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.
- Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.
- Eye protection : Safety glasses or chemical splash goggles.
- Skin and body protection : Wear suitable protective equipment.
- Protective measures : Observe the usual precautions for handling chemicals.
- Hygiene measures : Wash hands before breaks and at the end of workday.

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When using do not eat, drink or smoke.
Use protective skin cream before handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Granules
Particle size :	ca. 3 mm
Colour	: light yellow
Odour	: not specified
pH	: not determined
Drop point	: 106 °C
Melting point	< 100 °C Method: DSC
Boiling point	: Decomposition: Decomposes below the boiling point. Method: DSC Decomposes below the boiling point.
Flash point	: Not applicable
Evaporation rate	: not determined
Flammability (solid, gas)	: does not ignite Method: Flammability (solids) GLP: no
Upper explosion limit	: not determined
Lower explosion limit	: not determined
Combustion number :	BZ2 Short flaring up without spreading (20 °C) Method : VDI 2263-1
Vapour pressure	: Not applicable
Relative vapour density	: not determined
Density	: ca. 1.001 g/cm ³ (23 °C) Method: ISO 1183
Solubility(ies)	
Water solubility	: < 0.02 g/l
Solubility in other solvents	: not determined
Partition coefficient: n-	: Not applicable

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octanol/water

- Decomposition temperature : 210 °C
Heating rate : 3 K/min
Method: DSC
The substance or mixture is not classified self-reactive. closed cup
- Viscosity
Viscosity, dynamic : not determined
- Explosive properties : Not explosive
Not explosive
GLP: no
- Oxidizing properties : The substance or mixture is not classified as oxidizing.
Method: Expert judgement
GLP: no
The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.
- Self-Accelerating decomposition temperature (SADT) : > 75 °C

SECTION 10. STABILITY AND REACTIVITY

- Reactivity : No dangerous reaction known under conditions of normal use.
- Chemical stability : Stable
- Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
The substance or mixture does not emit flammable gases in contact with water.
Not corrosive to metals
Stable
- Conditions to avoid : None
- Incompatible materials : none
- Hazardous decomposition products : When handled and stored appropriately, no dangerous decomposition products are known
The product does not contain any chemical groups which suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

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Eye contact
Skin contact
Inhalation

Acute toxicity

Product:

Acute oral toxicity : Remarks: no data available

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

Skin corrosion/irritation

Product:

Remarks: no data available

Serious eye damage/eye irritation

Product:

Remarks: no data available

Respiratory or skin sensitisation

Product:

Remarks: no data available

Germ cell mutagenicity

Product:

Germ cell mutagenicity -
Assessment : No information available.

Carcinogenicity

Product:

Carcinogenicity -
Assessment : No information available.

IARC Not listed

OSHA Not listed

NTP Not listed

Reproductive toxicity

Product:

Reproductive toxicity -
Assessment : No information available.

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Repeated dose toxicity

Product:

Remarks: This information is not available.

Further information

Product:

Remarks: The product has not been tested. The information is derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: no data available

Toxicity to algae : Remarks: no data available

Toxicity to bacteria : Remarks: no data available

Persistence and degradability

Product:

Biodegradability : Remarks: This property is substance-specific and therefore cannot be given for the preparation.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: no data available

Mobility in soil

no data available

Other adverse effects

Product:

Environmental fate and pathways : Remarks: no data available

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.
Avoid release to the environment.

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SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

- Waste from residues : Dispose of spilled or waste product, contaminated soil and other contaminated materials in licensed landfill or treatment facility in accordance with all local, state, and federal regulations.
- Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste
-

SECTION 14. TRANSPORT INFORMATION

- DOT not restricted
- IATA not restricted
- IMDG not restricted
-

SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

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

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

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

TSCA : On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

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SECTION 16. OTHER INFORMATION

Further information

Handle with care. Organic dusts have the potential to be explosive with static spark or flame initiation.

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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