

# Safety Data Sheet

acc. to OSHA HCS

Printing date 08/17/2016

Reviewed on 08/17/2016

## 1 Identification

- **Product identifier**
- **Trade name:** *XTEND 19RSS*
- **Application of the substance / the mixture** *Release agent*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Axel Plastics Research Laboratories, Inc.  
 PO Box 770855, 58-20 Broadway  
 Woodside, NY 11377-0855 USA  
 info@axelplastics.com*
- **Information department:** *Product safety department*
- **Emergency telephone number:**  
*USA and Canada: 1-800-424-9300 (24 hours)  
 Outside of USA and Canada: 001-703-527-3887 (24 hours)*

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

*Flam. Liq. 2 H225 Highly flammable liquid and vapor.*



GHS08 Health hazard

*Repr. 2 H361 Suspected of damaging fertility or the unborn child.  
 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.  
 Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.*



GHS07

*Skin Irrit. 2 H315 Causes skin irritation.  
 STOT SE 3 H336 May cause drowsiness or dizziness.*

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



GHS02



GHS07



GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labeling:**  
*Solvent naphtha (petroleum), light aliph.  
 toluene  
 Naphtha (petroleum), light alkylate*
- **Hazard statements**  
*Highly flammable liquid and vapor.  
 Causes skin irritation.  
 Suspected of damaging fertility or the unborn child.  
 May cause drowsiness or dizziness.  
 May cause damage to organs through prolonged or repeated exposure.*

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*May be fatal if swallowed and enters airways.*

· **Precautionary statements**

*Keep away from heat/sparks/open flames/hot surfaces. No smoking.*

*Use explosion-proof electrical/ventilating/lighting/equipment.*

*Do not breathe dust/fume/gas/mist/vapors/spray.*

*Wear protective gloves / eye protection / face protection.*

*Ground/bond container and receiving equipment.*

*Use only non-sparking tools.*

*Take precautionary measures against static discharge.*

*Wash thoroughly after handling.*

*Use only outdoors or in a well-ventilated area.*

*Obtain special instructions before use.*

*Do not handle until all safety precautions have been read and understood.*

*IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*

*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*

*Specific treatment (see on this label).*

*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*

*Call a POISON CENTER/doctor if you feel unwell.*

*IF exposed or concerned: Get medical advice/attention.*

*If skin irritation occurs: Get medical advice/attention.*

*Get medical advice/attention if you feel unwell.*

*Do NOT induce vomiting.*

*In case of fire: Use for extinction: CO2, powder or water spray.*

*Take off contaminated clothing and wash it before reuse.*

*Store locked up.*

*Store in a well-ventilated place. Keep container tightly closed.*

*Store in a well-ventilated place. Keep cool.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 3

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = \*1

Fire = 3

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Component Information:**

64742-89-8	Solvent naphtha (petroleum), light aliph.	25-50%
64741-66-8	Naphtha (petroleum), light alkylate	25-50%
64742-48-9	Naphtha (petroleum), hydrotreated heavy	2.5-<10%
108-88-3	toluene	0.1-≤2.5%

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## 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **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:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- **Environmental precautions:**  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  
Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follow. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

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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.

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
- Store in cool, dry place in tightly closed receptacles.
- Ensure good ventilation/exhaustion at the workplace.
- Open and handle receptacle with care.
- Prevent formation of aerosols.
- Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- **Information about protection against explosions and fires:**
- Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.
- Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- 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. Avoid freezing. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
- Keep receptacle tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.
- **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 following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
- At this time, the other constituents have no known exposure limits.

### 108-88-3 toluene

PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
TLV	Long-term value: 75 mg/m <sup>3</sup> , 20 ppm BEI

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· **Ingredients with biological limit values:**

**108-88-3 toluene**

BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

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

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Avoid contact with the skin.
- Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

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

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## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Color:</b>	Clear
· <b>Odor:</b>	Paraffinic
· <b>Odor threshold:</b>	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· <b>Melting point/Melting range:</b>	Undetermined.
· <b>Boiling point/Boiling range:</b>	98 - 142 C

· **Flash Point (C.O.C.):** <23 °C (<73 °F)  
 · **Percentage Volatile** > 97 %

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· **Density:** Not determined.  
 · **Relative density** 0.730  
 · **Vapor density** Not determined.  
 · **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

· **Water:** Not miscible or difficult to mix.

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

· **Viscosity:**

· <b>Dynamic:</b>	Not determined.
· <b>Kinematic:</b>	Not determined.

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

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** The product is stable under recommended storage conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**ATE (Acute Toxicity Estimates)**

Oral	LD50	4032 mg/kg
Dermal	LD50	2349 ppm/3H
Inhalative	LC50/4 h	72 mg/l (rat)

**64742-89-8 Solvent naphtha (petroleum), light aliph.**

Oral	LD50	>2000 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)
Inhalative	LC50/4 h	>7700 ppm (Rat)

**64741-66-8 Naphtha (petroleum), light alkylate**

Oral	LD50	> 5000 mg/kg (rat) (OECD Guideline 403)
Dermal	LD50	> 2000 mg/kg (rabbit) (OECD Guideline 402)
Inhalative	LC50/4 h	22 mg/l (rat) (OECD Guideline 401)

**64742-48-9 Naphtha (petroleum), hydrotreated heavy**

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rab)

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

108-88-3	toluene	3
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- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **IARC Monographs**

Group 1: Carcinogenic to humans

Group 2A: Probably carcinogenic to humans

Group 2B: Possibly carcinogenic to humans

Group 3: Not classifiable as to its carcinogenicity to humans

Group 4: Probably not carcinogenic to humans

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

**64741-66-8 Naphtha (petroleum), light alkylate**

LL50	18.4 mg/l (Oncorhynchus mykiss (rainbow trout))
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- **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:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.  
The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.  
The classification of the product may meet the criteria for a hazardous waste.
- **Uncleaned packagings:**
- **Recommendation:**  
The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.  
This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14 Transport information

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>   | <p style="margin: 0;">UN1866</p>  |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul> | <p style="margin: 0;">Resin solution<br/>RESIN SOLUTION (Solvent naphtha (petroleum), light aliph.),<br/>MARINE POLLUTANT<br/>RESIN SOLUTION</p>  |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>  | <div style="text-align: center;">  <p style="font-size: small; margin: 0;">FLAMMABLE LIQUID<br/>3</p> </div> |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> </ul>   | <p style="margin: 0;">3 Flammable liquids</p>   |

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· **Label** 3· **IMDG**· **Class** 3 Flammable liquids· **Label** 3· **IATA**· **Class** 3 Flammable liquids· **Label** 3· **Packing group**· **DOT, IMDG, IATA** II· **Environmental hazards:**· **Marine pollutant:** Symbol (fish and tree)· **Special precautions for user** Warning: Flammable liquids· **EMS Number:** F-E,S-E· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.· **UN "Model Regulation":** UN 1866 RESIN SOLUTION, 3, II, ENVIRONMENTALLY HAZARDOUS

## 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Sara**· **Section 313 (Specific toxic chemical listings):**

108-88-3 | toluene

· **TSCA (Toxic Substances Control Act) (Substances not listed):**

All ingredients are 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:**

108-88-3 | toluene

· **US State Regulations**· **Connecticut - Hazardous Air Pollutants - HLVs (30 min)**

None of the ingredients is listed.

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· **Connecticut - Hazardous Air Pollutants - HLVs (8 hr)**

None of the ingredients is listed.

· **Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)**

None of the ingredients is listed.

· **Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations**

None of the ingredients is listed.

· **Occupational Exposure Limits - TWAs**

None of the ingredients is listed.

· **Michigan - Occupational Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Michigan - Occupational Exposure Limits - TWAs**

None of the ingredients is listed.

· **Minnesota - Hazardous Substance List**

None of the ingredients is listed.

· **Minnesota - Permissible Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Minnesota - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

· **New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour**

None of the ingredients is listed.

· **New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual**

None of the ingredients is listed.

· **New York - Occupational Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **New York - Occupational Exposure Limits - TWAs**

None of the ingredients is listed.

· **North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour**

None of the ingredients is listed.

· **North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour**

None of the ingredients is listed.

· **Oregon - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

· **Tennessee - Occupational Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Tennessee - Occupational Exposure Limits - TWAs**

None of the ingredients is listed.

· **Texas - Effects Screening Levels - Long Term**

None of the ingredients is listed.

· **Texas - Effects Screening Levels - Short Term**

None of the ingredients is listed.

· **Vermont - Permissible Exposure Limits - Skin Designations**

None of the ingredients is listed.

· **Vermont - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

· **Washington - Permissible Exposure Limits - Skin Designations**

None of the ingredients is listed.

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· **Washington - Permissible Exposure Limits - STELs**

None of the ingredients is listed.

· **Washington - Permissible Exposure Limits - TWAs**

None of the ingredients is listed.

· **Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet**

None of the ingredients is listed.

· **Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet**

None of the ingredients is listed.

· **Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater**

None of the ingredients is listed.

· **Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

108-88-3 toluene

II

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **EPA Carcinogen Category Key**

EPA 2005 Guidelines:

CaH - Carcinogenic to humans.

L - Likely to be carcinogenic to humans.

SC - Suggestive evidence of carcinogenic potential.

II - Inadequate information to assess carcinogenic potential.

NL - Not likely to be carcinogenic to humans.

EPA 1999 Guidelines:

CaH - Carcinogenic to humans.

L - Likely to be carcinogenic to humans.

S - Suggestive evidence of carcinogenicity, but not sufficient to assess human carcinogenic potential.

I - Data are inadequate for an assessment of human carcinogenic potential.

NL - Not likely to be carcinogenic to humans.

EPA 1996 Guidelines:

K/L - Known/likely human carcinogen.

CBD - Carcinogenic potential cannot be determined.

NL - Not likely to be carcinogenic to humans.

EPA 1986 Guidelines:

A - Human carcinogen

B1 - Probable human carcinogen - based on limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in animals.

B2 - Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals.

C - Possible human carcinogen.

D - Not classifiable as to human carcinogenicity.

E - Evidence of non-carcinogenicity for humans.

· **GHS label elements**

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

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· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

*Solvent naphtha (petroleum), light aliph. toluene*

*Naphtha (petroleum), light alkylate*

· **Hazard statements**

*Highly flammable liquid and vapor.*

*Causes skin irritation.*

*Suspected of damaging fertility or the unborn child.*

*May cause drowsiness or dizziness.*

*May cause damage to organs through prolonged or repeated exposure.*

*May be fatal if swallowed and enters airways.*

· **Precautionary statements**

*Keep away from heat/sparks/open flames/hot surfaces. No smoking.*

*Use explosion-proof electrical/ventilating/lighting/equipment.*

*Do not breathe dust/fume/gas/mist/vapors/spray.*

*Wear protective gloves / eye protection / face protection.*

*Ground/bond container and receiving equipment.*

*Use only non-sparking tools.*

*Take precautionary measures against static discharge.*

*Wash thoroughly after handling.*

*Use only outdoors or in a well-ventilated area.*

*Obtain special instructions before use.*

*Do not handle until all safety precautions have been read and understood.*

*IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*

*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*

*Specific treatment (see on this label).*

*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*

*Call a POISON CENTER/doctor if you feel unwell.*

*IF exposed or concerned: Get medical advice/attention.*

*If skin irritation occurs: Get medical advice/attention.*

*Get medical advice/attention if you feel unwell.*

*Do NOT induce vomiting.*

*In case of fire: Use for extinction: CO2, powder or water spray.*

*Take off contaminated clothing and wash it before reuse.*

*Store locked up.*

*Store in a well-ventilated place. Keep container tightly closed.*

*Store in a well-ventilated place. Keep cool.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **National regulations:**

*The components of this product are listed on the USA (TSCA) inventory.*

*The components of this product are listed on the Canadian (DSL) inventory.*

*The components of this product are listed on the European (EINECS) inventory.*

*The components of this product are listed on the Australia (AICS) inventory.*

*The components of this product are listed on the South Korean (KECI) inventory.*

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

## 16 Other information

*Disclaimer: This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review*

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# Safety Data Sheet

## acc. to OSHA HCS

Printing date 08/17/2016

Reviewed on 08/17/2016

**Trade name: XTEND 19RSS**

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recommendations in the specific context of the intended use and determine whether they are appropriate.

· **Contact:** *info@axelplastics.com*

· **Date of preparation / last revision** 08/17/2016 / 5

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport 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)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

*BEI: Biological Exposure Limit*

*Flam. Liq. 2: Flammable liquids – Category 2*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Repr. 2: Reproductive toxicity – Category 2*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

*Asp. Tox. 1: Aspiration hazard – Category 1*

· **\* Data compared to the previous version altered.**