



# SAFETY DATA SHEET

Issue Date 13-Nov-2018

Revision Date 24-Aug-2020

Version 3

LR

Liquid Release

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Liquid Release

**Other means of identification**

**Product Code** LR

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Restricted to professional users.

**Uses advised against** Consumer use

**Details of the supplier of the safety data sheet**

**Supplier Address**  
Solomon Colors, Inc.  
4050 Color Plant Road  
Springfield, IL  
62702

**Manufacturer Address**  
Solomon Colors, Inc.  
4050 Color Plant Road  
Springfield, IL  
62702

**Company Phone Number** 800-624-0261 (US & Canada); 217-522-3112 (Outside North America)

**24 Hour Emergency Phone Number** 800-373-7542

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This product is classified as hazardous according to the criteria contained in the Hazard Communication Standard 29 CFR 1910.1200 (known as HCS 2012) and the Hazardous Products Regulations SOR/2015-17 (known as WHMIS 2015).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1A
Aspiration toxicity	Category 1
Flammable liquids	Category 4

**Label elements**

**Emergency Overview**

<p><b>Danger</b></p> <p><b>Hazard statements</b> Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction May be fatal if swallowed and enters airways Combustible liquid</p>
---

LR

1 / 10

Liquid Release



**Appearance** Colorless to Pale Yellow

**Physical state** Liquid

**Odor** Petroleum distillates

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing must not be allowed out of the workplace  
 Wear protective gloves/eye protection/face protection

**Precautionary Statements - Response**

Specific treatment see section 4 of the SDS.  
 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  
 IF ON SKIN: Wash with plenty of water and soap  
 If skin irritation or rash occurs: Get medical advice/attention  
 Take off contaminated clothing and wash it before reuse  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

**Other Information**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Isoalkanes, C10-13	68551-17-7	>98	*
C9-11 Isoalkanes	68551-16-6	>98	*
Tall Oil Fatty Acids	61790-12-3	< 1	*
Amyl acetate	628-63-7	< 0.5	*
Methyl Salicylate	119-36-8	< 0.15	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**Description of first aid measures**

**General advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Do not rub affected area.

<b>Skin Contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Causes skin and eye irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Dry chemical, Carbon Dioxide, Foam, Sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**

Combustible material. Keep product and empty container away from heat and sources of ignition.

**Hazardous combustion products** Thermal decomposition can lead to the release of irritating gases and vapors. Carbon oxides.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

**Other Information** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**Methods for cleaning up** Use clean non-sparking tools to collect absorbed material. Ground and bond containers when transferring material. Dike to collect large liquid spills.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Never pierce, drill, grind, cut, saw or weld any empty container.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container tightly closed in a dry and well-ventilated place. Do not store near combustible materials. Use spark-proof tools and explosion-proof equipment.

**Incompatible materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Amyl acetate 628-63-7	STEL: 100 ppm TWA: 50 ppm	TWA: 100 ppm TWA: 525 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 1000 ppm TWA: 100 ppm TWA: 525 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Liquid

<b>Appearance</b>	Colorless to Pale Yellow	<b>Odor</b>	Petroleum distillates
<b>Color</b>	Colorless to Pale Yellow	<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No information available	
<b>Melting point/freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	161.6 °C / 322.8 °F	
<b>Flash point</b>	80.0 °C / 176.0 °F	
<b>Evaporation rate</b>	< 1 (BuAc=1)	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		(main component)
<b>Upper flammability limit:</b>	5.4%	
<b>Lower flammability limit:</b>	0.7%	
<b>Vapor pressure</b>	0.53 mm Hg@ 20°C (main component)	
<b>Vapor density</b>	3-5.4 (Air=1)	
<b>Specific Gravity</b>	No information available	
<b>Water solubility</b>	No information available	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	336-343 °C / 637-650 °F	(main component)
<b>Decomposition temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	6.23 lbs/gal

**10. STABILITY AND REACTIVITY**

**Reactivity**  
No data available

**Chemical stability**  
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**  
None under normal processing.

**Conditions to avoid**  
Extremes of temperature and direct sunlight.

**Incompatible materials**  
Strong oxidizing agents.

**Hazardous Decomposition Products**  
None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure

<b>Product Information</b>	The product is classified based on the mixture components.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye contact</b>	Avoid contact with eyes. Contact with eyes may cause irritation.
<b>Skin Contact</b>	Irritating to skin.
<b>Ingestion</b>	May be harmful if swallowed. Do not ingest. If swallowed then seek immediate medical assistance.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tall Oil Fatty Acids 61790-12-3	> 10000 mg/kg ( Rat )	-	-
Amyl acetate 628-63-7	= 6500 mg/kg ( Rat ) > 1600 mg/kg ( Rat )	-	-
Methyl Salicylate 119-36-8	= 887 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-

Information on toxicological effects

**Symptoms** Causes skin and eye irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	Skin Irritation Cat 2. (based on mixture components).
<b>Serious eye damage/eye irritation</b>	Eye Irritation Cat 2. Causes serious eye irritation. (Classification based on mixture components).
<b>Sensitization</b>	Skin Sensitizer Cat 1. May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Not classified. (Based on mixture components).
<b>Carcinogenicity</b>	This product is not known to contain carcinogens at levels greater than or equal to 0.1%.
<b>Legend</b>	IARC (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present
<b>Reproductive toxicity</b>	Not classified. (Based on mixture components).
<b>STOT - single exposure</b>	Not classified. (Based on mixture components).
<b>STOT - repeated exposure</b>	Not classified. (Based on mixture components).
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	> 5000 mg/kg
<b>ATEmix (dermal)</b>	> 5000 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	> 20 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

This product has not been fully evaluated on the product level.

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
Tall Oil Fatty Acids 61790-12-3	5.98
Methyl Salicylate 119-36-8	2.55

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

Chemical Name	California Hazardous Waste Status
Amyl acetate 628-63-7	Toxic Ignitable

## 14. TRANSPORT INFORMATION

**DOT** Not regulated in a container less than 119 gallons  
**UN/ID no.** UN1268  
**Proper shipping name** Petroleum Distillates  
**Hazard Class** Combustible Liquid  
**Packing Group** III  
**Emergency Response Guide Number** 128

**TDG** Not regulated (If shipped in NON BULK packaging by ground transport)  
**UN/ID no.** UN1268  
**Proper shipping name** Petroleum distillates  
**Hazard Class** liquide combustible  
**Packing Group** III

**MEX** Not regulated (If shipped in NON BULK packaging by ground transport)  
**UN/ID no.** UN1268  
**Proper shipping name** Petroleum distillates  
**Hazard Class** Combustible Liquid  
**Packing Group** III

**ICAO (air)**  
**UN/ID no.** UN1268  
**Proper shipping name** Petroleum Distillates  
**Hazard Class** 3  
**Packing Group** III

**IATA**  
**UN/ID no.** UN1268  
**Proper shipping name** Petroleum distillates  
**Hazard Class** 3  
**Packing Group** III

**IMDG**  
**UN/ID no.** UN1268  
**Proper shipping name** Petroleum Distillates  
**Hazard Class** 3  
**Packing Group** III

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDL</b>	Complies
<b>EINECS/ELINCS</b>	Does not comply
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

See section 2 for more information

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Amyl acetate 628-63-7	5000 lb	-	-	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Amyl acetate 628-63-7	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Amyl acetate 628-63-7	X	X	X
Methyl Salicylate 119-36-8	-	-	X
Benzaldehyde 100-52-7	X	X	X

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<u>NFPA</u>	Health hazards 3	Flammability 2	Reactivity 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 3	Flammability 2	Physical hazards 0	Personal protection X

**Prepared By** Solomon Colors - Lab Technical Services  
**Issue Date** 13-Nov-2018  
**Revision Date** 24-Aug-2020  
**Revision Note**  
 Periodic Review

The information provided in this 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.

**End of Safety Data Sheet**

