

SAFETY DATA SHEET

1. Identification

Product Name: SSR-501 Surrogate Soln
Product Code: 03985
SDS Date: 11/13/19
Use: Industrial

PRI
700 Industrial Drive
Dupo, IL 62239

General Information: 618-286-5000
Emergency Information: 618-286-5000

2. Hazard(s) identification

GHS Classification

ASPIRATION HAZARD - Category 1

Pictogram



Signalword Danger

Hazard Statement

May be fatal if swallowed and enters airways.

Precautionary

IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified: Not available

3. Composition/information on ingredients

Name	CAS	Concentration
Distillates (petroleum), straight-run middle	64741-44-2	80-100

4. First-aid measures

General Advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give

mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

In Case of Skin Contact Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

In Case of Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

If Swallowed Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

Indications of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting measures

Extinguishing Media Use an extinguishing agent suitable for the surrounding fire. Do not use water jet.

Special Hazards In a fire or if heated, a pressure increase will occur and the container may burst. This material may cause long lasting harmful effects to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Advice for firefighters 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. Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Further Information No data available

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

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. Avoid breathing 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). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

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 spillages into an effluent treatment plant or proceed as follows. 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. 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.

7. Handling and storage

Safe Handling

Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. 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. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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. Store locked up. 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.

8. Exposure controls/personal protection

Name		CAS	
Distillates (petroleum), straight-run middle		64741-44-2	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
No data available	No data available	200 mg/m ³	No data available

Engineering Control

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Eye/Face Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

Skin Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during

use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. 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.

Control of Environmental Exposure

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Appearance	Distillates (petroleum), straight-run middle	liquid
Odor	Distillates (petroleum), straight-run middle	Hydrocarbon
Odor Threshold	Distillates (petroleum), straight-run middle	Not available
pH	Distillates (petroleum), straight-run middle	Not available
Melting/Freezing Point	Distillates (petroleum), straight-run middle	-40 to 6C
Initial Boiling Point/Range	Distillates (petroleum), straight-run middle	260 to 321.11°C (500 to 610°F)
Flash Point	Distillates (petroleum), straight-run middle	134.44°C (274°F)
Evaporation Rate	Distillates (petroleum), straight-run middle	Not available.
Flammability	Distillates (petroleum), straight-run middle	Not available.
Upper Explosion Limit	Distillates (petroleum), straight-run middle	32.5%
Lower Explosion Limit	Distillates (petroleum), straight-run middle	4.8%
Vapor Pressure	Distillates (petroleum), straight-run middle	0.0024 kPa (0.018 mm Hg)
Vapor Density	Distillates (petroleum), straight-run	Not available.

middle

Relative Density	Distillates (petroleum), straight-run middle	0.82
Water Solubility	Distillates (petroleum), straight-run middle	Insoluble in the following materials: cold water and hot water.
Partition Coefficient	Distillates (petroleum), straight-run middle	Not available.
Auto Ignition Temperature	Distillates (petroleum), straight-run middle	240°C (464°F)
Decomposition Temperature	Distillates (petroleum), straight-run middle	Not available.
Viscosity	Distillates (petroleum), straight-run middle	Kinematic (40°C (104°F)): 0.0378 cm ² /s (3.78 cSt)

10. Stability and reactivity

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability	The product is stable.
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid	No specific data.
Incompatible materials	No specific data.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Name	CAS
Distillates (petroleum), straight-run middle	64741-44-2
LD50 Oral - rat - > 5,000 mg/kg	
No data available	
LD50 Oral - rat - > 2,000 mg/kg	
Skin corrosion/irritation Not available.	
Serious eye damage/eye irritation No known significant effects or critical hazards.	
Respiratory or skin sensitization Not available.	
Germ cell mutagenicity Not available.	
Carcinogenicity This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.	
Reproductive Not available.	
Additional information No data available	

12. Ecological information

Name	CAS	Toxicity
Distillates (petroleum), straig	64741-44-2	No data available

13. Disposal considerations

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

14. Transport information

Proper Shipping Name	<input type="text" value="Not DOT Regulated"/>
Hazard Class	<input type="text" value="Not DOT Regulated"/>
Identification Number	<input type="text" value="Not DOT Regulated"/>
Packing Group	<input type="text" value="Not DOT Regulated"/>
Label	<input type="text" value="Not DOT Regulated"/>



15. Regulatory information

Name	CAS
Distillates (petroleum), straight-run middle	64741-44-2
SARA 302/304	No components were identified
SARA 313	No components were identified
CERCLA	No components were identified
SARA 311/312	Immediate (acute) health hazard
PROP 65	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

16. Other information, including date of preparation or last revision

SDS Date:

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