


SAFETY DATA SHEET (GHS)

1. Identification of the Chemical and Company

1.1 Identification of the substance: SSI Dust Control Agent

CAS No.	Proprietary	NFPA code	1-1-0	
EC Index No,	N.A.	Molecular weight	N.A.	
EINECS No.	N.A.	Formula	N.A.	
RTECS No.	N.A.			

1.2 Use of the substance:
Dust Suppressant

1.3 Company identification:
Solvent Systems International
70 King Street
Elk Grove Village, IL 60007
847-437-1100

1.4 Telephone number for emergency:
847-437-1100

2. Hazards Identification

Physical hazards: Not classified.

Health hazards:

Class	Category	Hazard statements
Eye Irritation	Category 2B	H320: Causes eye irritation
Skin Sensitive	Category 2	H315: Causes skin irritation

OSHA defined hazards

Label elements:



GHS07

Signal word: Warning

Hazard statement: H315 and H320 Cause skin and eye irritation.

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Precautionary statement

- Prevention** Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
Wash thoroughly after handling.
Keep away from heat/sparks/open flames/hot surfaces.
No smoking. Keep container tightly closed.
Observe good industrial hygiene practices.
- Response** IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
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.
- Storage** Store away from incompatible materials.
Store in dry place. Store in a closed container.
Store in a well-ventilated place. Keep container tightly closed.
- Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations

3. Composition/Information on Ingredients

Chemical characterization: Mixture:

Name	CAS No.	Percent
Modified Rosin Sodium Salt	Proprietary	C > 15%
Water	7732-18-5	C > 50%
Additives	Proprietary	C < 5%

4. First Aid Measure

- 4.1 Eye contact:
- If irritation persists: consult a doctor/medical service
- Rinse with water
- 4.2 Skin contact:
- If irritation persists: consult a doctor/medical service
- Rinse with water
- Soap may be used
- Consult a doctor/medical service
- 4.3 After inhalation:
- If breathing problems develop: consult a doctor/medical service.

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- Remove the victim into fresh air.
 - Unconscious: maintain adequate airway and respiration
- 4.4 After ingestion:
- If you feel unwell: consult a doctor/medical service.
 - Never give water to an unconscious person.

5. Fire-Fighting Measures

- 5.1 Suitable extinguishing media:
- Water spray
 - Dry chemical, foam
 - Carbon dioxide
- 5.2 Unsuitable extinguishing media: NONE
- 5.3 Special exposure hazards:
- Not easily combustible
 - Upon combustion CO and CO₂ are formed
- 5.4 Instructions:
- Cool tanks/drums with water spray/remove them into safety
- 5.5 Special protective equipment for firefighters:
- Heat/fire exposure: compressed air/oxygen apparatus
 - In case of dust production: compressed air/oxygen apparatus

6. Accidental Release Measures

- 6.1 Personal protection/precautions:
See heading 8.2/8.3/13
- 6.2 Environmental precautions:
- Contain released substance, pump over in suitable containers
 - Plug the leak, cut off the supply.
- 6.3 Methods of cleaning up:
- Shovel solid spill into closing drums.
 - Clean contaminated surfaces with an excess of water.
 - Wash clothing and equipment after handling.

7. Handling and Storage

- 7.1 Handling:
- Observe normal hygiene standards
 - Remove contaminated clothing immediately.
 - Clean contaminated clothing.

SDS established : June 2018
Revision number :

Revision Date : February 2019
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- 7.2 Storage:
- Keep container tightly closed.
 - Store at a cool and dry place,
 - Meet the legal requirements.
 - Provide the tank with earthing.
 - Keep away from: heat sources, ignition sources, oxidizing agents.

Storage temperature	:	< 40	°C
Quantity limits	:	N.A.	kg
Storage life	:	Stable aqueous solution	
Materials for packaging	:		
- suitable	:	plastic and metal	
- to avoid	:	no data available	

- 7.3 Specific uses:
- See information supplied by the manufacturer.

8. Exposure Controls / Personal Protection

8.1 Exposure limit values

TLV-TWA	:	Not listed
TLV-STEL	:	Not listed
TLV-Ceiling	:	Not listed
OES-LTEL	:	Not listed
OES-STEL	:	Not listed
MEL-LTEL	:	Not listed
MEL-STEL	:	Not listed
MAK	:	Not listed
TRK	:	Not listed
MAC-TGG 8 h	:	Not listed
MAC-TGG 15 min.	:	Not listed
MAC-Ceiling	:	Not listed
VME-8 h	:	Not listed
VLE-15 min.	:	Not listed
GWBB-8 h	:	Not listed
GWK-15 min.	:	Not listed
Momentary value	:	Not listed
EC	:	Not listed
EC-STEL	:	Not listed

Sampling methods:
- No data available

8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Environmental exposure controls:
see heading 13.

8.3 Personal protection:

Observe very strict hygiene - avoid contact. Keep container tightly closed. Do not eat, drink or smoke during work.

8.3.1 Hand protection:

- Gloves
Suitable materials: No data available
- Breakthrough time: N.D.

8.3.2 Eye protection:

- Safety glasses

8.3.3 Skin protection:

- Protective clothing
Suitable materials: No data available

9. Physical and Chemical Properties

9.1 General information:

Appearance (at 20°C) : Liquid
Odor : Soap
Color : Brown

9.2 Important health, safety and environmental information:

pH value : 7.0
Boiling point/boiling range : >N. D. °C
Flashpoint : >N. D. °C
MCIT(Minimum Cloud Ignition Temperature) : N. D. °C
MIE (Minimum Ignition Energy) : N. D. mJ
Relative density(at 20°C) : 1
Water solubility : Soluble
Relative vapor density : N. D.
Viscosity : N.D.
Partition coefficient n-octanol/water : N. D.
Evaporation rate
ratio to butyl acetate : N.A.
ratio to ether : N.A.

SDS established : June 2018
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10. Stability and Reactivity

- 10.1. Reactivity
Not Reactive
- 10.2. Chemical stability:
Stable under normal conditions
- 10.3. Possibility of hazardous reactions:
No data available
- 10.4. Conditions to avoid/reactivity:
N/A
- 10.5. Materials to avoid:
Oxidizing agents
- 10.6. Hazardous decomposition products:
Upon combustion CO and CO₂ are formed

11. Toxicological Information

11.1 Acute toxicity:

LD50 oral rat	: N.D.	mg/kg
LD50 dermal rabbit	: N.D.	mg/kg
LD50 dermal rabbit	: N.D.	mg/kg
LD50 inhalation rat	: N.D.	mg/l/4 h
LD50 inhalation rat	: N.D.	ppm/4 h

11.2 Chronic toxicity:

EC carc. cat.	: Not listed
EC muta. cat.	: Not listed
EC repr. cat.	: Not listed

Carcinogenicity (TLV)	: Not listed
Carcinogenicity (MAC)	: Not listed
Carcinogenicity (VME)	: Not listed
Carcinogenicity (GWBB)	: Not listed

Carcinogenicity (MAK)	: Not listed
Mutagenicity (MAK)	: Not listed
Teratogenicity (MAK)	: Not listed

IARC classification	: Not listed
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11.3 Routes of exposure: ingestion, inhalation, eye and skin

SDS established : June 2018
Revision number :

Revision Date : February 2019
Reason for Revision : Update

- 11.4 Acute effects/symptoms:
- AFTER INHALATION
 - Coughing
 - Respiratory difficulties
 - AFTER SKIN CONTACT
 - ON HEATING:
 - Burns
- 11.5 Chronic effects:
- Not listed in carcinogenicity class (IARC,EC,TLV,MAK)
 - Not listed in mutagenicity class {EC,MAK}
 - Not classified as toxic to reproduction (EC)

12. Ecological Information

- 12.1 Ecotoxicity:
- No data available
- 12.2 Mobility:
- Volatile organic compounds (VOC): 0
 - Soluble in water
- For other physicochemical properties see section 9
- 12.3 Persistence and degradability:
- | | | | |
|-----------------------|---|-------------------|-------|
| - biodegradation BOD5 | : | N.D. | %ThOD |
| - water | : | No data available | |
| - soil | : | T ½ N. D. | days |
- 12.4 Bioaccumulative potential:
- | | | |
|-----------|---|------|
| - log Pow | : | N.D. |
| - BCF | : | N.D. |
- 12.5 Other adverse effects:
- | | | |
|--------------------------------------|---|---|
| - Effect on the ozone layer | : | Not dangerous for the ozone layer
(Council Regulation (EC) No
2037/2000, O.J. L244 of 29/06/2000) |
| - Greenhouse effect | : | no data available |
| - Effect on waste water purification | : | no data available |

13. Disposal Considerations

- 13.1 Provisions relating to waste:
No data available
- 13.2 Disposal methods:
- Recycle/reuse
- Substance must not be discharged into the sewer
- Do not discharge into surface water
- 13.3 Packaging:
Waste material code packaging (75/442/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 01 (paper and cardboard packaging), 15 01 02 (plastic packaging)

14. Transport Information

- 14.1 Special precautions in connection with Transport : not restricted for any mode of international transport
- 14.2 Classification of the substance in compliance with UN Recommendations
UN-number : -
CLASS :
SUB RISKS :
PACKING :
PROPER SHIPPING NAME :
- 14.3 ADR(transport by road)
CLASS : NOT SUBJECT
PACKING :
CLASSIFICATION CODE :
DANGER LABEL TANKS :
DANGER LABEL PACKAGES :
- 14.4 RID (transport by rail)
CLASS PACKING : NOT SUBJECT
CLASSIFICATION CODE :
DANGER LABEL TANKS :
DANGER LABEL PACKAGES :
- 14.5 ADNR (transport by inland waterways)
CLASS : NOT SUBJECT
PACKING :
CLASSIFICATION CODE :

SDS established : June 2018
Revision number :

Revision Date : February 2019
Reason for Revision : Update

	DANGER LABEL TANKS	:	
	DANGER LABEL PACKAGES	:	
14.6	IMDG (maritime transport)		
	CLASS	:	NOT SUBJECT
	SUB RISKS	:	
	PACKING	:	
	MFAG	:	
	EMS	:	
	MARINE POLLUTANT	:	
14.7	ICAO (air transport)		
	CLASS	:	NOT SUBJECT
	SUB RISKS	:	
	PACKING	:	
	PACKING INSTRUCTIONS PASSENGER AIRCRAFT	:	
	PACKING INSTRUCTIONS CARGO AIRCRAFT	:	

15. Regulatory Information

TSCA: All ingredients are listed

DSL: All ingredients are listed

California, Proposition 65

The product doesn't contain any chemical known to the State of California to cause cancer

Superfund Amendments and Reauthorization Act (SARA Title III)

TPQ: Not Applicable RQ: Not Applicable

Clean Air Act, Ozone Depleting Chemicals

This product doesn't contain Class I or II Ozone Depleting Chemicals as defined in 40 CFR82, Subpart E

State Right to Know Acts: All components are listed

Resource Conservation and Recovery Act:

No Listed Hazardous Waste or Characteristic Hazardous Waste

16. Other Information

The information provided on this SDS 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 as a warranty or quality specification. The information relates only to the specific material designated and may not be

SDS established : June 2018

Revision number :

Revision Date : February 2019

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valid for such material used in combination with any other material or in any process, unless specified in the text.

N.A. = NOT APPLICABLE

N.D. = NOT DETERMINED

(*) = INTERNAL CLASSIFICATION (NFPA)

Exposure limits:

TLV	:	ThresholdLimitValue-ACGIHUSA2004
OES	:	OccupationalExposureStandards-UnitedKingdom2003
MEL	:	MaximumExposureLimits-UnitedKingdom2003
MAK	:	MaximaleArbeitsplatzkonzentrationen-Germany2002
TRK	:	TechnischeRichtkonzentrationen-Germany2002
MAC	:	Maximaleaanvaardeconcentratie-theNetherlands2004
VME	:	ValeurslimitesdeMoyenned'Exposition-France1999
VLE	:	Valeurslimitesd'Expositionacourtterme-France1999
GWBB	:	Grenswaardeberoepsmatigblootstelling-Belgium2002
GWK	:	Grenswaardekortstondigblootstelling-Belgium2002
EC	:	Indicativeoccupationalexposurelimitvalues-directive2000/39/EC