

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926*

1 Identification

- **Product identifier**
 - Trade name: **SPRAY-N-GLO Spray Buff Concentrate**
 - **Article number:** 1528278001
 - **Recommended use:** Spray buff
 - **Restrictions on use:**
All other uses than those indicated on the product label and technical data sheet.
- **Details of the supplier of the safety data sheet:**
 - **Manufacturer:**
Avmor LTD
950, Michelin
Laval, QC,
Canada
H7L 5C1
1-800-387-8074
www.avmor.com
 - **Client Identification Number:** 119100
 - **Emergency telephone number:** CANUTEC 1-613-996-6666

2 Hazard(s) identification

- **Classification of the product:**



Asp. Tox. 1 H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.



Skin Irrit. 2 H315 CAUSES SKIN IRRITATION.

- **Label elements:**

- **Hazard pictograms:**



GHS07 GHS08

- **Signal word:** Danger
- **Hazard statements:**
H315 CAUSES SKIN IRRITATION.

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H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

· **Precautionary statements:**

P280 Wear protective gloves and eye or face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P332+P313 IF SKIN IRRITATION OCCURS: Get medical attention.
 P301+P330+P331+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or a doctor.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P405 Store locked up.
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4):**



Health = 2
 Fire = 1
 Reactivity = 0

· **Hazard not otherwise classified:** None

· **Notes:** For the wording of the listed abbreviations refer to section 16.

3 Composition/information on ingredients

· **Dangerous components:**

CAS	Component	(% w/w)
	Solvent Naphtha Aliphatic , middle fraction C9-C12 Flam. Liq. 3, H226; Asp. Tox. 1, H304	10-<25%
8052-41-3	Stoddard Solvent Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336	10-<25%
111-90-0	2-(2-ethoxyethoxy)ethanol	0.1-≤2.5%

4 First-aid measures

· **General information:**

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation. Get medical attention.

· **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 ingestion:** Do not induce vomiting; immediately call for medical help.

· **Information for doctor:**

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

No further relevant information available.

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5 Fire-fighting measures

- **Suitable extinguishing media:**
- **Suitable extinguishing media:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Specific hazards arising from the product:**
In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (CO_x) and nitrogen dioxide (NO_x).
- **Advice for firefighters:**
 - **Special protective equipment and precautions for fire-fighters:** No special measures required.
- **Additional information:** This product is not flammable.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear recommended protective equipment(s). Keep unprotected persons away.
- **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling:**
Ensure good ventilation at the workplace.
Prevent formation of aerosols.
- **Conditions for safe storage, including any incompatibilities:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Conditions for safe storage, including any incompatibilities:**
Store under lock and key and out of the reach of children.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection

- **Appropriate engineering controls:** Ensure appropriate aeration and ventilation.

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· **Control parameters:**

· Components with limit values that require monitoring at the workplace:	
8052-41-3 Stoddard Solvent	
EL (Canada)	Short-term value: 580 mg/m ³ Long-term value: 290 mg/m ³
EV (Canada)	Long-term value: 525 mg/m ³
111-90-0 2-(2-ethoxyethoxy)ethanol	
EV (Canada)	Long-term value: 165 mg/m ³ , 30 ppm

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

· **Exposure controls:**

· **Personal protective equipment:**



Protective gloves



Safety glasses

· **General protective and hygienic measures:**

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

· **Breathing equipment:** Not required.

· **Protection of hands:** Protective gloves

· **Eye protection:**

- Goggles recommended during refilling.
- Safety glasses

· **Body protection:** No special measures required.

9 Physical and chemical properties

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

· **General Information:**

· **Appearance:**

- **Form:** Opaque Liquid
- **Colour:** White
- **Odour:** Cherry.
- **Odour threshold:** Not determined.

· **pH-value at 25 °C:** 8.5-9.5

· **Change in condition:**

- **Melting point/Melting range:** Undetermined.

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· Boiling point/Boiling range:	100 °C
· Flash point:	94 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	230 °C
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	1,1 Vol %
· Upper:	6,5 Vol %
· Vapour pressure:	Not determined.
· Density at 25 °C:	0.930-0.950 g/cm ³
· Relative density	Not determined.
· Vapour density (air=1):	<1 (aqueous solution)
· Evaporation rate:	Not determined.
· Solubility in / Miscibility with:	
· Water:	Fully miscible
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Solvent content:	
· Organic solvents:	12,6 %

10 Stability and reactivity

- **Reactivity:** The product is basic.
- **Chemical stability:**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** Reacts with acids.
- **Conditions to avoid:** Avoid freezing and extreme heat conditions.
- **Incompatible materials:** This product may react with strong oxidizing agents.
- **Hazardous decomposition products:**
In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

11 Toxicological information

- **Information on the likely routes of exposure:** Skin and eyes contact

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- **Acute toxicity:**
- **Numerical measures of toxicity:**

· Components Mean of exposure		Type	Value (Species)
Dermal	LD50		12454 mg/kg
Inhalative	LC50 (4 h)		34.9 mg/L (Rat)

Solvent Naphtha Aliphatic , middle fraction C9-C12

Oral	LD50		>6500 mg/kg (Rat)
Dermal	LD50		>3000 mg/kg (rab)
Inhalative	LC50 (4 h)		>14 mg/L (Rat)

8052-41-3 Stoddard Solvent

Oral	LD50		>5000 mg/kg (Rat)
Dermal	LD50		>3000 mg/kg (Rabbit)
Inhalative	LC50 (4 h)		>5.5 mg/L (Rat)

111-90-0 2-(2-ethoxyethoxy)ethanol

Oral	LD50		5500 mg/kg (Rat)
Dermal	LD50		8500 mg/kg (Rabbit)

84133-50-6 Alcohols, C12-14 secondary, ethoxylated

Oral	LD50		>3000 mg/kg (Rat)
Dermal	LD50		>2000 mg/kg (Rat)
Irritation of skin	OECD guideline 404		cat. 3 (Rabbit)
Irritation of eyes	OECD, guideline 405		cat. 3 (Rabbit)
Sensitization	OECD, guideline 406		Not classified. (guinea pig)

68131-39-5 Alcohols C12-15 Ethoxylated

Oral	LD50		>5000 mg/kg (Rat)
Dermal	LD50		>2000 mg/kg (Rat)
Irritation of skin	OECD guideline 404		Not classified. (Rabbit)
Irritation of eyes	OECD, guideline 405		cat. 1 (Rabbit)
Sensitization	OECD, guideline 406		Not classified. (guinea pig)

- **Symptomes related to the physical, chemical and toxicological characteristics:**
- **By inhalation:**
Vapours may cause irritation to the airways. Inhalation of larger amounts may induce discomfort, nausea, dizziness, headache, narcosis, and unconsciousness.
- **If on the skin:** Irritant to skin and mucous membranes.
- **After ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
- **Sensitization:** No sensitizing effects known.
- **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**
Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:

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Irritant

· **Carcinogenic categories:**

· IARC (International Agency for Research on Cancer)		
110-91-8	morpholine	3
50-00-0	formaldehyde	1
111-42-2	2,2'-iminodiethanol	2B
· NTP (National Toxicology Program)		
50-00-0	formaldehyde	K

12 Ecological information

· **Toxicity**

· Aquatic toxicity:	
Solvent Naphtha Aliphatic , middle fraction C9-C12	
LC50 (96 h, OECD guideline 203) (Static)	1-3 mg/L (Algae) (72h, Pseudokirchnerella subcapitata, OECD 201)
EC50 (48 h, OECD guideline 202) (Static)	2-5 mg/L (pimephales promelas [fathead minnow]) (96h, Oncorhynchus mykiss, OECD 203)
NOEC (21 d, OECD guideline 202)	>100 mg/L (daphnia magna [water flea]) (48h, OECD 202)
	1 mg/L (Algae)
	0.01 mg/L (pimephales promelas [fathead minnow]) (Oncorhynchus mykiss, QSAR modelled data)
111-90-0 2-(2-ethoxyethoxy)ethanol	
LC50 (96 h, OECD guideline 203)	>10000 mg/L (pimephales promelas [fathead minnow])
EC50 (48 h, OECD guideline 202)	3340-4670 mg/L (daphnia magna [water flea])
84133-50-6 Alcohols, C12-14 secondary, ethoxylated	
LC50 (96 h, OECD guideline 203)	4.9 mg/L (oncorhynchus mykiss [rainbow trout])
EC50 (48 h, OECD guideline 202)	0.9 mg/L (daphnia magna [water flea])
EC50 (72 h, OECD guideline 201) (Static)	0.75 mg/L (Algae) (Pseudokirchnerella subcapitata)
NOEC (30 d, OECD directive 204) (Dynamic)	0.11-0.28 mg/L (pimephales promelas [fathead minnow])
NOEC (21 d, ASTM 1988)	0.77 mg/L (daphnia magna [water flea])
68131-39-5 Alcohols C12-15 Ethoxylated	
LC50 (96 h, OECD guideline 203)	1.3-1.7 mg/L (oncorhynchus mykiss [rainbow trout])
EC50 (48 h, OECD guideline 202)	0.23 mg/L (daphnia magna [water flea])
EC50 (72 h, OECD guideline 201) (Static)	0.75 mg/L (Pseudokirchnerella Subcapitata)
NOEC (30 d, OECD directive 204) (Dynamic)	>1 mg/L (pimephales promelas [fathead minnow])
NOEC (21 d, ASTM 1988)	0.77 mg/L (daphnia magna [water flea])

· **Behavior in environmental systems:**

- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.

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- **Ecotoxicity:** No relevant information available
- **Remark:** Harmful to fish
- **General notes:**
 Germany: Water hazard class 3 (Self-assessment): extremely hazardous for water.
 Germany: Do not allow product to reach ground water, water course or sewage system, even in small quantities.
 Germany: Danger to drinking water if even extremely small quantities leak into the ground.
 Harmful to aquatic organisms

13 Disposal considerations

- **Waste treatment methods:**
- **Recommendation:**
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system unless significantly diluted or neutralized.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water.

14 Transport information

· DOT, ADN, IMDG, IATA	Not regulated.
· UN proper shipping name · DOT	Not regulated.
· Transport hazard class(es) · Class	Not regulated.
· Packing group · DOT	Not regulated.
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

· Chemicals known to cause cancer:	
50-00-0	formaldehyde
111-42-2	2,2'-iminodiethanol
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
109-86-4	2-methoxyethanol

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· Chemicals known to cause developmental toxicity:		
67-56-1	Methanol	
109-86-4	2-methoxyethanol	
· EPA (Environmental Protection Agency)		
50-00-0	formaldehyde	B1
· TLV (Threshold Limit Value established by ACGIH)		
110-91-8	morpholine	A4
50-00-0	formaldehyde	A2
111-42-2	2,2'-iminodiethanol	A3
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
50-00-0	formaldehyde	

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of creation/last revision:** 10/20/2015

· **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

ACGIH: American Conference of Governmental Industrial Hygienists

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1