

310 Wayto Road | Schenectady, NY 12303 ● TEL: 800-283-3888 | FAX: 518-357-9636
EMAIL: moreinfo@sandellmfg.com | www.diedrichtechnologies.com

ASPIR-SOLV SAFE SOLVENT CLEANER

1. PRODUCT DATA

Product Name: Aspir-Solv Safe Solvent Cleaner
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Ken Eglin
Telephone: 800-283-3888
24-Hour Emergency Contact: CHEMTREC 800-424-9300

This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2. HAZARDS IDENTIFICATION

GHS Ratings:

Oral Toxicity: Acute 3
Dermal Toxicity: Acute 4
Skin Irritation: 2
Eye Irritation: 2
Self-reactive substances and mixtures

GHS Hazards:

H242 Heating may cause a fire
H301 Toxic if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation

GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P220 Keep/Store away from clothing/combustible materials
P234 Keep only in original container
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves/protective clothing/eye protection/face protection
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P321 Specific treatment (see section 4)
P322 Specific measures (see section 4)
P330 Rinse mouth

P362 Take off contaminated clothing and wash before reuse

P363 Wash contaminated clothing before reuse

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P302+P352

IF ON SKIN: wash with plenty of soap and water

P332+P313

IF SKIN irritation occurs: Get medical advice/attention

P337+P313

IF eye irritation persists: Get medical advice/attention

P370+P378

In case of fire use foam, dry chemical or carbon dioxide

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P405 Store locked up

P411 Store at temperatures not exceeding 80°F

P420 Store away from other materials

P403+P235

Store in a well-ventilated place; keep cool

P501 Dispose of contents/container according to local regulations

Danger



Hazards Not Otherwise Classified: N/A

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3. COMPOSITION

Chemical Name/ CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Petroleum Distillate 64742-47-8	No Data Found	No Data Found	NIOSH: 350 mg/m3 TWA 1,800 mg/m3 Ceiling (15 minutes)
Heavy Aromatic Solvent Naptha 64742-94-5	No Data Found	No Data Found	No Data Found
Ethanol, 2 Butoxy 111-76-2	50 ppm (240 mg/m3) TWA Skin	20 ppm (97 mg/m3) TWA A3; BEI	NIOSH: 5 ppm (24 mg/m3) TWA Skin
Proprietary Additives Mixture	N/A	N/A	N/A

Specific chemical identity and percentage content of ingredients withheld as trade secret pursuant to Massachusetts regulations. Reporting requirements of section 313 title III of the superfund amendments and reauthorization act of 1986 and 10 CFR part 373 apply.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.

Eye Contact: Flush with large amounts of water, lift both upper and lower eyelids frequently to assure thorough flushing under lids. Seek medical attention. If irritation persists see a physician.

Skin Contact: Wash with mild soap and water and apply skin cream. Remove contaminated clothing and launder before reuse. Discard contaminated shoes. If irritation persists see a physician.

Ingestion: If swallowed, do not induce vomiting, contact poison control center. If vomiting occurs keep head below hips to prevent aspiration of liquid into lungs, which can cause chemical pneumonitis, which can be fatal. See a physician immediately.

Notes to Physician: No data found.

5. FIRE FIGHTING MEASURES

Flammable Limits: LEL: 0.9% UEL: 7.0%

Flash Point: 140°F

Extinguishing Media: Use foam, dry chemical or carbon dioxide.

Unusual Fire and Explosion Hazards: Because vapors are heavier than air they may travel along the ground or by ventilation systems far away from material handling point.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this mixture.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting: Use air supplied breathing apparatus. Use the procedure for fighting petroleum solvent fire.

6. ACCIDENTAL RELEASE MEASURES

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers.

SMALL SPILLS: Dike and contain. Soak up residue with absorbent, noncombustible material. Scoop into drums appropriate for disposal.

LARGE SPILLS: Avoid exposure to sparks, fire or hot metal surfaces. Eliminate possible sources of ignition. If applicable, wear appropriate respirator and other protective residue with absorbent, noncombustible material. Scoop into drum appropriate for disposal. Prevent material from entering drains, sewers or waterways.

7. HANDLING AND STORAGE

Handling Precautions: Use with adequate ventilation. Avoid prolonged or repeated contact with skin. **After containers have been emptied they may contain explosive and/or harmful vapors and residue.** Do not cut, puncture or weld on or near this container. Do not re-use container for any purpose until it has been commercially cleaned. Keep container closed when not in use.

Storage: Keep away from heat, sparks, and open flames. Store away from oxidizing materials. **After containers have been emptied they may contain explosive and/or harmful vapors and residue.**

Regulatory Requirements: This product is classified as "Oil" under the Clean Water Act. As such it must be kept out of surface water, watercourses or sewers entering or leading to surface waters.

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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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Proprietary Additives Mixture	N/A	N/A	N/A

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Local exhaust sufficient to minimize exposure to mist and fumes below permissible exposure limit. If mechanical assist is required, unit must be of an explosion proof type.

Administrative controls: No data found.

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

Protective Clothing: Protect all body parts from contact by using full chemical/solvent resistant suit with tight fitting cuffs and collar, rubber boots and full-face shield. Solvent resistant gloves such as nitrile rubber must be worn

Eye Protection: Close fitting safety chemical goggles and face-shield must be worn.

Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact. Apply Diedrich recommended skin barrier cream for additional protection.

Respiratory: A NIOSH/MSHA approved air supplied or self-contained respirator must be used if the TLV of the product or component is exceeded. Under specific conditions other NIOSH/MSHA respirators may be permitted under OSHA regulations. Consult with your safety equipment supplier.

Contaminated Equipment: Dispose of the waste in compliance with federal, state, regional, and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point: No Data Found
Freezing point: No Data Found
Solubility: Forms milky emulsion
Boiling range: 367-414°F (186-212°C)
Flash point: 140°F
Evaporation rate: Slower than ether
Flammability: LEL=0.9% UEL= 7.0%
Appearance: Colorless liquid
Odor: light naphtha odor
Physical State: Liquid
Vapor Pressure: 2mmHg @ 68°F
Odor threshold: Not Determined
Vapor Density: Heavier than air
Specific Gravity: No Data Found
pH: No Data Found
Explosive Limits: LEL=0.9% UEL= 7.0%
% Volatile (by weight): 80%
Partition coefficient (n-Octanol/water): No Data Found
Autoignition temperature: No Data Found
Decomposition Temperature: No Data Found
Viscosity: No Data Found
Density: No Data Found
Weight Per Gallon: 8.1 lbs

10. STABILITY AND REACTIVITY

Stability: STABLE
Incompatibilities: Oxidizing agents such as liquid chlorine, sodium and calcium hypochlorite.
Conditions To Avoid: Heat, sparks, open flame and fire. Keep away from pilot lights, extinguish all pilot lights in room and adjacent rooms. Be sure to search for multiple pilot lights on appliances.

Hazardous Decomposition Products: Carbon monoxide and unidentified organics may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, skin, eyes, ingestion
Target Organs: Skin, Eyes, Stomach
Effects of Overexposure: Can lead to central nervous system depression producing effects such as headache, dizziness, nausea and loss of consciousness, and even asphyxiation

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12. ECOLOGICAL INFORMATION

Ecotoxicity: No data found.

13. DISPOSAL

Disposal must be at an approved facility for compliance under RCRA regulations for hazardous waste. Containers must have the proper labeling and be leak proof.

14. TRANSPORTATION INFORMATION

The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

Agency	Proper Shipping Name	UN Number	Packaging Group	Hazard Class
US DOT	Compound, cleaning liquid (Aromatic Petroleum)	UN 1993	III	3

15 - REGULATORY INFORMATION

No Data Found

16. OTHER INFORMATION

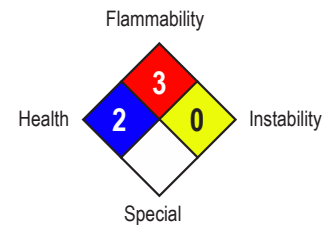
Date of Preparation: July 1st, 2016

Revision Date: March 16th, 2017

Hazardous Material Information System (HMIS)

Health	2
Flammability	3
Physical Hazard	0
Personal Protection	[H]

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

- * = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

LEGEND

0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME

N.D. = NOT DETERMINED N.A. = NOT AVAILABLE N/A = NOT APPLICABLE

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