



# DAS-WIPE® 100

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

VELTEK ASSOCIATES, INC.

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Supersedes: 02/21/2017

Version: 4.1

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : DAS-WIPE® 100  
 Product code : SDS DAS-0001

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cleaning agent on fabric (white polyester)

#### 1.3. Supplier

Veltek Associates, Inc.  
 15 Lee Blvd  
 Malvern, PA 19355-1234 USA  
 Telephone: +1 610-644-8335 - Fax: +1 610-644-8336  
 E-mail: vai@sterile.com

In Canada distributed by:  
 Canada Clean Room (CCR)  
 200 Terence Matthews  
 Kanata, ONT K2M 2C6, Canada  
 Telephone: 888-595-8070

#### 1.4. Emergency telephone number

Emergency number : CARECHEM 24: 1-215-207-0061  
 1-866-928-0789 (toll free)  
 Canada: 1-800-579-7421 (toll free)  
 Mexico: +52-55-5004-8763

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flammable liquids Category 3	H226	Flammable liquid and vapor
Skin corrosion/irritation Category 2	H315	Causes skin irritation
Specific target organ toxicity (single exposure) Category 3	H336	May cause drowsiness or dizziness
Aspiration hazard Category 1	H304	May be fatal if swallowed and enters airways
Hazardous to the aquatic environment - Chronic Hazard Category 2	H411	Toxic to aquatic life with long lasting effects

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H226 - Flammable liquid and vapor  
 H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H336 - May cause drowsiness or dizziness  
 H411 - Toxic to aquatic life with long lasting effects

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Precautionary statements (GHS-US) : P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking.  
P233 - Keep container tightly closed.  
P241 - Use explosion-proof electrical, lighting, ventilating equipment  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing vapors.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves.  
P301+P310 - If swallowed: Immediately call a doctor  
P331 - Do NOT induce vomiting.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 - Call a doctor if you feel unwell.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use foam, Dry powder, carbon dioxide (CO2), Water spray to extinguish.  
P391 - Collect spillage.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P235 - Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to an authorized waste collection point

### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
White mineral oil (petroleum)	(CAS-No.) 8042-47-5	60 - 80	Not classified
Naphtha (petroleum), hydrotreated heavy	(CAS-No.) 64742-48-9	20 - 30	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Distillates (petroleum), hydrotreated light paraffinic	(CAS-No.) 64742-47-8	3 - 7	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If symptoms persist, obtain medical attention.  
First-aid measures after skin contact : Wash skin with plenty of water. If irritation persists, consult a doctor.  
First-aid measures after eye contact : Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Obtain immediate medical attention.

### 4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms : Causes skin irritation. May cause drowsiness or dizziness. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor.  
Explosion hazard : May form flammable/explosive vapor-air mixture.  
Reactivity : Stable under normal conditions.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water courses.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Remove all sources of ignition. Ventilate area. Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Remove all sources of ignition. Ventilate area. Avoid inhalation of vapors. Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

#### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.  
Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Use only non-sparking tools. Avoid inhalation of vapors. Avoid contact with skin, eyes and clothing.  
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.  
Incompatible materials : Strong oxidizing agents.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

White mineral oil (petroleum) (8042-47-5)		
ACGIH	Local name	Mineral oil, excluding metal working fluids (2009) Pure, highly and severely refined
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
ACGIH	Regulatory reference	ACGIH 2018

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White mineral oil (petroleum) (8042-47-5)		
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> Mist
Distillates (petroleum), hydrotreated light paraffinic (64742-47-8)		
ACGIH	Local name	Kerosene/Jet fuels, as total hydrocarbon vapor
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup> 200 mg/m <sup>3</sup>
ACGIH	Remark (ACGIH)	Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Provide good ventilation in process area to prevent formation of vapor.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear chemically resistant protective gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.

#### Eye protection:

Not required for normal conditions of use

#### Skin and body protection:

Long sleeved protective clothing

#### Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Polyester fabric moistened with liquid.
Color	: White fabric, clear liquid
Odor	: Slight Hydrocarbon
Odor threshold	: No data available
pH	: Not applicable
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: 111 °F (44°C)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: < 0.156 kPa (1.17 mm Hg) (Liquid) (@ 68°F/20°C)
Relative vapor density at 20 °C	: 5 (@ 101 kPa) (calculated value) (Liquid) (air = 1)

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Relative density	: 0.75 (Liquid) (Water = 1)
Solubility	: Water: Negligible.
Log Pow	: No data available
Auto-ignition temperature	: 644 °F (340°C)
Decomposition temperature	: No data available
Viscosity, kinematic	: 1.21 cSt (@ 40°C) (Liquid)
Viscosity, dynamic	: No data available
Explosion limits	: LEL: 0.7 vol % UEL: 5.6 vol %
Explosive properties	: Not explosive. Vapors may form explosive mixture with air.
Oxidizing properties	: Not oxidizing.

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions. Flammable liquid and vapor.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Direct sunlight.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Fire may produce irritating, corrosive and/or toxic gases. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>Naphtha (petroleum), hydrotreated heavy (64742-48-9)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
<b>White mineral oil (petroleum) (8042-47-5)</b>	
LD50 oral rat	> 5000 mg/kg
<b>Distillates (petroleum), hydrotreated light paraffinic (64742-47-8)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l - 4 Hours

Skin corrosion/irritation	: Causes skin irritation. pH: Not applicable
Serious eye damage/irritation	: Not classified pH: Not applicable
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: May cause drowsiness or dizziness.

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Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.

Potential Adverse human health effects and symptoms : Causes skin irritation. May cause drowsiness or dizziness. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

##### Naphtha (petroleum), hydrotreated heavy (64742-48-9)

LC50 fish 2	2200 mg/l Pimephales promelas
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##### Distillates (petroleum), hydrotreated light paraffinic (64742-47-8)

LC50 fish	2.2 mg/l 96 Hours - Lepomis macrochirus
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#### 12.2. Persistence and degradability

##### DAS-WIPE® 100

Persistence and degradability	May cause long-term adverse effects in the environment.
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##### Naphtha (petroleum), hydrotreated heavy (64742-48-9)

Persistence and degradability	May cause long-term adverse effects in the environment.
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#### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established. Potentially bioaccumulable.
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##### Naphtha (petroleum), hydrotreated heavy (64742-48-9)

Bioaccumulative potential	Not established.
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#### 12.4. Mobility in soil

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Ecology - soil	No information available.
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#### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

GWPmix comment : No known effects from this product.

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN3175 Solids containing flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy), 4.1, II

UN-No.(DOT) : UN3175

Proper Shipping Name (DOT) : Solids containing flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)

Transport hazard class(es) (DOT) : 4.1 - Class 4.1 - Flammable Solid 49 CFR 173.124

Packing group (DOT) : II - Medium Danger

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Hazard labels (DOT) : 4.1 - Flammable solid



Dangerous for the environment : Yes

Marine pollutant : Yes



DOT Packaging Non Bulk (49 CFR 173.xxx) : 212

DOT Packaging Bulk (49 CFR 173.xxx) : 240

DOT Symbols : G

DOT Special Provisions (49 CFR 172.102) : 47, IB6, IP2, T3, TP33

DOT Packaging Exceptions (49 CFR 173.xxx) : 151

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 15 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 50 kg

DOT Vessel Stowage Location : B

Emergency Response Guide (ERG) Number : 133

Other information : No supplementary information available.

### Transportation of Dangerous Goods

Transport document description : UN3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy), 4.1, II

UN-No. (TDG) : UN3175

Proper Shipping Name (Transportation of Dangerous Goods) : SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy)

TDG Primary Hazard Classes : 4.1 - Class 4.1 - Flammable Solids

Packing group : II - Medium Danger

TDG Special Provisions : 16, 56

Explosive Limit and Limited Quantity Index : 1 kg

Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 15 kg

### Transport by sea

Transport document description (IMDG) : UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy), 4.1, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

UN-No. (IMDG) : 3175

Proper Shipping Name (IMDG) : SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy)

Class (IMDG) : 4.1 - Flammable solids, self-reactive substances and solid desensitized explosives

Packing group (IMDG) : II - substances presenting medium danger

Marine pollutant : Yes



### Air transport

Transport document description (IATA) : UN 3175 Solids containing flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy), 4.1, II, ENVIRONMENTALLY HAZARDOUS

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UN-No. (IATA)	: 3175
Proper Shipping Name (IATA)	: Solids containing flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)
Class (IATA)	: 4.1 - Flammable solids
Packing group (IATA)	: II - Medium Danger

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

DAS-WIPE® 100	
SARA Section 302 Threshold Planning Quantity (TPQ)	None
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Skin corrosion or Irritation Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Aspiration hazard

#### Naphtha (petroleum), hydrotreated heavy (64742-48-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### White mineral oil (petroleum) (8042-47-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Distillates (petroleum), hydrotreated light paraffinic (64742-47-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### National regulations

No additional information available

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

Revision date	: 05/09/2018
Data sources	: US OSHA HazCom (GHS) 25 May 2012.
Other information	: None.

Full text of H-phrases:

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

Abbreviations and acronyms:



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	ACGIH (American Conference of Government Industrial Hygienists)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	DNEL (Derived No Effect Level)
	EC50 (Effective Concentration 50%)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	OECD (Organisation for Economic Co-operation and Development)
	OSHA (Occupational Safety and Health Administration) (US)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	STEL (Short Term Exposure Limit)
	TSCA (Toxic Substances Control Act) (US)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

NFPA health hazard

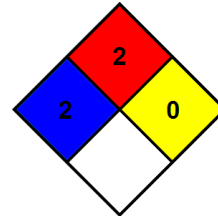
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health

: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability

: 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)

Physical

: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection

: p  
p - Gloves

Indication of changes:

Section	Changed item	Change	Comments
3	Composition/Information on ingredients	Modified	
8	Exposure controls / Personal protection equipment		
14	Transport information	Modified	
16	Other information	Modified	

SDS US (GHS HazCom 2012)

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