




**WesBond Corporation
Safety Data Sheet**

Wesbond PS9400W

Revision Date: 10/01/2020	Supersedes: 03/30/2015	First Issued: 01/01/1999
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Section 1. Product and Company Identification	
1.1 Product Identifier	
Trade Name	Wesbond PS9400W
Product Description and Use	Non-Ionic Wetting Agent, Organic
1.2 Relevant identified uses of the substance and restrictions on use	
Use of the substance	Wetting agent
1.3 Details of the supplier of the safety data sheet	
Company	Wesbond Corporation 1135 East 7 th St Wilmington, DE 19801
Telephone	302-655-7917
Fax	302-656-7885
E-mail address	sales@wesbond.com
Web site	www.wesbond.com
Contact	Wes M Jones
Approved by	Wes M Jones
1.4 Emergency telephone number	
US – CHEMTREC (24 hrs)	800-424-9300
CANADA – CANUTEC (24 hrs)	613-996-6666
MSDS and Product Information (0800 – 1630 EST)	302-655-7917

Section 2. Hazard Identification	
2.1 Classification of the substance	
	Skin Irritant, Category 2 Eye Irritant, Category 2A
2.2 Label elements	
Signal Word	Warning
Pictogram	
Hazard statements	
H303	May be harmful if swallowed
H315	Causes skin irritation



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H319	Causes serious eye irritation
Precautionary Statements	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents /container in accordance with local/regional/national/international regulations.
2.3 Other hazards	

Section 3. Composition / Information on Ingredients		
3.1 Substance		
Not applicable, this product is a mixture		
3.2 For Mixtures		
Component	CAS Number	Concentration (wt %)
Ethoxylated Isodecyl Alcohol	78330-20-8	~90
Water	7732-18-5	balance
The specific chemical identity and/or exact percentage (concentration) has been withheld as a trade secret.		

Section 4. First Aid Measures	
4.1 Description of first aid measures	
General Advice	<ul style="list-style-type: none"> Show this safety datasheet to the doctor in attendance. First responder needs to protect herself. Place affected apparel in a sealed bag for subsequent disposal.
INHALATION	<ul style="list-style-type: none"> Negligible or unlikely exposure pathway. Move to fresh air in case of accidental of vapors.
SKIN	<ul style="list-style-type: none"> In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical advice. Wash contaminated clothing before re-use.
EYES	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
INGESTION	<ul style="list-style-type: none"> Do not induce vomiting without medical advice.



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	<ul style="list-style-type: none"> • If victim is conscious: rinse mouth with water; keep at rest; do not give anything to drink; do not leave the victim unattended. • Vomiting may occur spontaneously: risk of product entering the lungs on vomiting after ingestion; turn victim on side. • Seek medical advice.
4.2 Most important symptoms and effects, both acute and delayed	
Medical Conditions Possibly Aggravated By Exposure	<ul style="list-style-type: none"> • Skin contact may aggravate existing skin disease. • Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis.
4.3 Indication of any immediate medical attention and special treatment needed	
Notes to physician	<ul style="list-style-type: none"> • All treatments should be based on observed signs and symptoms of distress in the patient. • Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. • Treat symptomatically. No specific antidote available.

Section 5. Fire Fighting Measures	
5.1 Extinguishing Media	
Suitable extinguishing media	<ul style="list-style-type: none"> • Water spray • Foam • Carbon Dioxide (CO₂) • Multipurpose powders
Unsuitable extinguishing media	High volume water jet (frothing possible)
5.2 Special hazards arising from the substance or mixture	
Specific hazards during firefighting/ Specific hazards arising from the chemical	<ul style="list-style-type: none"> • Product will burn under fire conditions. • Releases carbon oxides upon thermal decomposition (pyrolysis).
5.3 Advice for firefighters	
Special protective equipment for firefighters	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
Further information	<ul style="list-style-type: none"> • Standard procedure for chemical fires. • Collect contaminated fire extinguishing water separately. This must not be discharged into drains. • Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6. Accidental Release Measures	
6.1 Personal precautions, protective equipment and emergency procedures	



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Personal precautions, protective equipment and emergency procedures	<ul style="list-style-type: none"> Wear appropriate protective gear for the situation. For further information see Personal Protection information in Section 8.
6.2 Environmental precautions	
Environmental and Regulatory Reporting	<ul style="list-style-type: none"> Do not flush to drain. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.
6.3 Methods and materials for containment and cleaning up	
Recovery	<ul style="list-style-type: none"> Stop leak if safe to do so. Contain spillage, soak up with non-combustible absorbent material (e.g., sand, earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see section 13). Shovel or sweep up. Never return spills to original containers for re-use. Keep in properly labeled containers. Keep in suitable closed containers for disposal.
Decontamination/cleaning	<ul style="list-style-type: none"> Wash non-recoverable remainder with large amounts of water. Clean contaminated surface thoroughly. Recover the cleaning water for subsequent disposal. Decontaminate tools, equipment and personal protective equipment in a segregated area.
Disposal	<ul style="list-style-type: none"> Dispose of in accordance with local regulations.
Additional advice	<ul style="list-style-type: none"> Material can create slippery conditions. For personal protection see section 8
6.4 References to other sections	
	7. Handling and Storage 8. Exposure Controls/Personal Protection 13. Disposal Considerations.

Section 7. Handling and Storage

7.1 Precautions for safe handling

Technical measures	<ul style="list-style-type: none"> Ethylene oxide may collect in container head space. Provide adequate ventilation.
Advice on safe handling and usage	<ul style="list-style-type: none"> Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. In cold weather, this product may stratify and freeze. This does not damage the product. If freezing occurs, thaw and remix before using. A hot water bath may be used to melt solidified material. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.
Hygiene measures	Personal hygiene is an important work practice exposure control measure and the



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	<p>following general measures should be taken when working with or handling this material:</p> <ol style="list-style-type: none"> 1) Do not store, use and /or consume food, beverages, tobacco products, or cosmetics in areas where this material is stored. 2) Wash hand and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. 3) Wash exposed skin promptly to remove accidental splashes or contact with material.
<p>7.2 Conditions for safe storage, including any incompatibilities</p>	
<p>Requirement for storage areas and containers</p>	<p>Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from incompatible materials (see Section 10. Stability and Reactivity).</p>
<p>Minimum/Maximum Storage Temperatures</p>	<p>15°F to 49°C (59°F to 120°F)</p>
<p>Usual Shipping Containers</p>	<p>Drums, pails.</p>
<p>Advice on common storage</p>	<p>No special restrictions on storage with other products</p>
<p>Storage and Handling Materials</p>	<p>Plastic or stainless steel.</p>



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Section 8. Exposure Controls/Personal Protection				
Introductory Remarks		<p>These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.</p> <p>Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.</p>		
8.1 Control Parameters				
Component	CAS Number	Value	Control Parameters	Basis
Isodecyl Alcohol Ethoxylate	78330-20-8	None	None	PEL-OSHA
Isodecyl Alcohol Ethoxylate	78330-20-8	None	None	TLV-ACGIH
8.2 Exposure controls				
Engineering Controls				
		<p>Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures:</p> <p>Effective exhaust ventilation system.</p>		
8.3 Personal Protective Equipment				
Eyes	<ul style="list-style-type: none"> • Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. • Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area. 			
Hand protection	<ul style="list-style-type: none"> • Recommended preventive skin protection: Gloves. • Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts and abrasion, and the contact time. 			
Skin	<ul style="list-style-type: none"> • Impervious clothing. • Footwear protecting against chemicals. 			
Respiratory Protection	<ul style="list-style-type: none"> • When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate 			



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	<p>regulatory standards and/or industrial recommendations.</p> <ul style="list-style-type: none"> For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.
Personal Hygiene	<p>Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:</p> <ol style="list-style-type: none"> Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes or contact with this material.
Protective measures	<ul style="list-style-type: none"> The protective equipment must be selected in accordance with current local standards and in cooperation with supplier of the protective equipment. Ensure that eyewash stations and safety showers are close to the workstation location. Emergency equipment immediately accessible, with instructions for use. Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.
General Hygiene	<p>Equipment in contact with material should be rinsed with water prior to repair and maintenance.</p>

Section 9. Physical and Chemical Properties	
9.1 Information on basic physical and chemical properties	
Appearance:	Clear to cloudy thin liquid
Odor:	Slight odor.
Odor threshold:	Not Available
pH	5.0 to 7.0 (5 wt%) Aqueous solution
Melting/Freezing point	no data available
Initial boiling point and boiling range	> 100 °C (212 °F)
Flash point:	> 93.9°C (201°F). Flammability Class: WILL BURN.
Evaporation Rate	no data available
Flammability (solid/gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure	Not determined or unknown
Vapor density	no data available
Relative density	no data available
Solubilities	Water: Miscible. Other solvents: Not Available.
Partition Coefficient: n-octanol/water	no data available



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Auto-ignition temperature	no data available
Decomposition Temperature	no data available
Viscosity, Dynamic	65 cps (@25°C)
Viscosity, Kinematic	no data available
Explosive Properties	no data available
Oxidizing Properties	Not classified as oxidizing.

9.2 Other Information

This safety datasheet contains only information relating to safety and does not replace any product information or product specification.

Section 10. Stability and Reactivity

10.1 Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2 Chemical Stability	This material is stable under normal handling and storage conditions described in Section 7.
10.3 Possibility Of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
10.4 Conditions To Avoid	
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
10.5 Incompatible Materials	
Materials to avoid	Strong oxidizing agents.
10.6 Hazardous Decomposition Products	
Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Section 11. Toxicological Information

11.1 Likely routes of exposure	
Inhalation	Not likely. Prolonged inhalation may be harmful.
Skin	Likely mode of exposure. Causes mild skin irritation.
Eyes	Likely mode of exposure. Causes serious eye irritation.
Ingestion	Not likely. May be harmful if swallowed.
11.2 Symptoms related to the physical, chemical and toxicological characteristics	
	Not available.



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11.3 Information on toxicological effects	
Acute Oral Toxicity	Toxicological Information and Interpretation: LD50 - lethal dose 50% of test species, >2000 mg/kg, rat
Acute Dermal Toxicity	Toxicological Information and Interpretation: LD50 - lethal dose 50% of test species, >2000 mg/kg, rabbit
Skin corrosion/irritation	Causes mild skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory sensitization	Not Available
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity – single exposure	Not applicable.
Specific target organ toxicity – repeated exposure	Not applicable.
Aspiration hazard	Not applicable.
11.5 Carcinogenicity	
	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Section 12. Ecological Information			
12.1 Ecotoxicity			
Ecotoxicity assessment	<ul style="list-style-type: none"> Acute aquatic toxicity: Harmful to aquatic life. Chronic aquatic toxicity: Long lasting effects 		
Acute			
Algae	EC50	Algae	1-10 mg/l, 72 hours
Crustacea	ED50	Daphnia	1-10 mg/l, 48 hours
Fish	L C50		1-10 mg/l, 96 hours
12.2 Persistence and degradability			
Biodegradability	The material fulfills the criteria for ultimate aerobic biodegradability and ready biodegradability.		
12.3 Bioaccumulative potential			
	No data available		
12.4 Mobility in soil			
	No data available		
12.5 Other Adverse Effects			
	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		



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Section 13. Disposal Considerations	
13.1 Waste Disposal Method	
Advice on disposal	Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.
Waste Code	EPA: hazardous waste: NO
13.2 Contaminated packaging	
Advice	Any containers or equipment used should be decontaminated immediately after use. Empty container should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport Information	
14.1 UN number	Not applicable
14.2 Proper shipping name	Not regulated
14.3 Transport hazard class	Not classified as dangerous for transport.
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	Not applicable

Section 15. Regulatory Information		
15.1 Safety, health and environmental regulations/legislation specific for the substance.		
Country	Inventory Name	On Inventory (Yes/No)*
Australia	Australia Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic substances List (DSL)	Yes



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Canada	Non-Domestic substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	: CSCL – Inventory of Existing and New chemical Substances	Yes
Korea	Korean Existing Chemicals Inventory (KECI)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

15.2 US Federal Regulations

SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311/312	<ul style="list-style-type: none"> • Fire Hazard: NO • Reactivity Hazard: NO • Pressure Hazard: NO • Immediate Hazard: YES • Delayed Hazard: NO
SARA 313	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed.

15.3 State Regulations

California Proposition 65	<p>Warning: This product may contains a chemical known to the State of California to cause cancer and birth defects and other reproductive harm: ethylene oxide (75-21-8)</p> <p>Warning: This product may contains a chemical known to the State of California to cause cancer : 1,4-Dioxane (123-91-1)</p> <p>Warning: This product may contains a chemical known to the State of California to cause cancer : acetaldehyde (75-07-0)</p>
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Section 16. Other Information

HMIS – National Paint & Coating Hazardous Materials Identification System	
1	Health Hazard Rating - Slight
1	Flammability Rating – Slight



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0	Reactivity Rating - Minimal
B	Personal Protection – Safety Glasses, Gloves
NFPA – National Fire Protection Association Hazard Ratings	
1	Health Hazard Rating - Slight
1	Flammability Rating – Slight
0	Instability Rating - Minimal

Abbreviations			
ACGIH	American Conference of Governmental Industrial Hygienists	NIOSH	National Institute for Occupational Safety and Health
CAS	Chemical Abstract Service	OSHA	Occupational Safety and Health Administration
HMIS	National Paint & Coating Hazardous Materials Identification System	SARA	Superfund Amendment and Reauthorization Act
IARC	International Agency for Research on Cancer	PEL	Permissible Exposure Limit
N/A	Not Applicable	TLV	Threshold Limit Value
NFPA	National Fire Protection Association Hazard Ratings	TWA	Time Weighted Average

The information on this safety data sheet is believed to be accurate and it is the best information available to WesBond Corporation. This document is intended only as a guide to the appropriate precautions for handling a chemical by a person trained in chemical handling. WesBond Corporation makes no warranty of merchantability or any other warranty, express or implied with respect to such information of the product to which it relates, and we assume no liability resulting from the use or handling of the product to which this safety data sheet relates. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purposes.