

DiamondKote DKW-4191

ITW India Pvt Ltd

Part Number: DKW-4191

Version No: 2.0

Safety Data Sheet according to OSHA HazCom Standard (2012) requirements

Issue Date: 17/06/2024

Rev Date: 25/06/2025

SECTION 1 Identification

Product Identifier

Product name	DiamondKote W-4191
Synonyms	DKW-4191
Other means of identification	Not Available

Recommended use of the chemical and restrictions on use

Relevant identified uses	For Industrial Use Only
--------------------------	-------------------------

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Registered company name	ITW India Pvt Ltd
Address	Plot Number 34 to 37, Phase-2, IDA, TSIC, IDA, Hyderabad - 502307, Telangana, India
Telephone	+91 9000031515
Fax	Not Available
Website	www.itwchemin.com
Email	chemininfo@itwchemin.com

Emergency phone number

Association / Organization	ITW India Pvt Ltd
Emergency telephone numbers	+91 9000031515
Other emergency telephone numbers	+91 9100012393

SECTION 2 Hazard(s) identification

Classification of the substance or mixture

Classification	None
----------------	------

Label elements

Hazard pictogram(s)	
---------------------	---

Signal word	Warning
-------------	---------

Hazard statement(s)

	No known significant effects or critical hazards
--	--

Hazard(s) not otherwise classified

Avoid contact with alcohols, acidic, basic, or oxidizing materials.

Precautionary statement(s) Prevention

P264	Wash exposed external body areas after handling.
	Package in vented containers. Product is forbidden for transport by aircraft because of the possibility that hydrogen gas may be released

Precautionary statement(s) Response

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 Composition / information on ingredients**Substances**

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
9043-30-5*	1-<3	isotridecyl alcohol, ethoxylated
27306-78-1*	<1	heptamethyltrisiloxane, ethoxylated, propyl ether

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 First-aid measures**Description of first aid measures**

Eye Contact	<p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none">▶ Wash out immediately with fresh running water.▶ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.▶ Seek medical attention without delay; if pain persists or recurs seek medical attention.▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	<p>If skin contact occurs:</p> <ul style="list-style-type: none">▶ Immediately remove all contaminated clothing, including footwear.▶ Flush skin and hair with running water (and soap if available).▶ Seek medical attention in event of irritation.
Inhalation	<ul style="list-style-type: none">▶ Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur
Ingestion	<ul style="list-style-type: none">▶ Immediately give a glass of water.▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Most important symptoms and effects, both acute and delayed

See Section 11

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Fire-fighting measures**Extinguishing media**

- ▶ There is no restriction on the type of extinguisher which may be used.
- ▶ Use extinguishing media suitable for surrounding area.

Special hazards arising from the substrate or mixture

Fire Incompatibility	None known.
----------------------	-------------

Special protective equipment and precautions for fire-fighters

Fire Fighting	<ul style="list-style-type: none">▶ Alert Fire Brigade and tell them location and nature of hazard.▶ Wear breathing apparatus plus protective gloves in the event of a fire.▶ Prevent, by any means available, spillage from entering drains or water courses.▶ Use fire fighting procedures suitable for surrounding area.▶ Do not approach containers suspected to be hot.▶ Cool fire exposed containers with water spray from a protected location.▶ If safe to do so, remove containers from path of fire.▶ Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	<p>Product may generate flammable hydrogen gas.</p> <ul style="list-style-type: none">▶ Non combustible.▶ Not considered a significant fire risk, however containers may burn.

SECTION 6 Accidental release measures**Personal precautions, protective equipment and emergency procedures**

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	<ul style="list-style-type: none">▶ Clean up all spills immediately.
--------------	--

Continued...

	<ul style="list-style-type: none">▶ Avoid contact with skin and eyes.▶ Control personal contact with the substance, by using protective equipment.▶ Contain and absorb spill with sand, earth, inert material or vermiculite.▶ Wipe up.▶ Place in a suitable, labelled container for waste disposal.
Major Spills	<ul style="list-style-type: none">▶ Recovered material should be stored in a vented container.▶ The vent must prevent the ingress of water as further reaction with spilled materials can take place which could lead to over pressurization of the container.▶ Materials in contact with acids or bases have the potential to generate hydrogen gas. Moderate hazard. <ul style="list-style-type: none">▶ Clear area of personnel and move upwind.▶ Alert Fire Brigade and tell them location and nature of hazard.▶ Wear breathing apparatus plus protective gloves.▶ Prevent, by any means available, spillage from entering drains or water course.▶ Stop leak if safe to do so.▶ Contain spill with sand, earth or vermiculite.▶ Collect recoverable product into labelled containers for recycling.▶ Neutralise/decontaminate residue (see Section 13 for specific agent).▶ Collect solid residues and seal in labelled drums for disposal.▶ Wash area and prevent runoff into drains.▶ After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.▶ If contamination of drains or waterways occurs, advise emergency services.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling	<ul style="list-style-type: none">▶ Wear appropriate personal protective equipment▶ Avoid contact with incompatible materials.▶ When handling, do not eat, drink or smoke.▶ Keep containers securely sealed when not in use.▶ Avoid physical damage to containers.▶ Always wash hands with soap and water after handling.▶ Work clothes should be laundered separately. Launder contaminated clothing before re-use.▶ Use good occupational work practice.▶ Observe manufacturer's storage and handling recommendations contained within this SDS.▶ Do not allow clothing wet with material to stay in contact with skin
Other information	Avoid contact with incompatible materials like oxidizing materials, alcohols, acidic and basic materials. Product may evolve flammable hydrogen gas when contact with incompatible materials.

Conditions for safe storage, including any incompatibilities

Suitable container	<ul style="list-style-type: none">▶ Polyethylene or polypropylene container.▶ Packing as recommended by manufacturer.▶ Check all containers are clearly labelled and free from leaks.
Storage incompatibility	Do not store with strong oxidizing agent and any explosive materials

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Not Available

Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
DiamondKote W-4191	Not Available	Not Available	Not Available

Ingredient	Original IDLH	Revised IDLH
isotridecyl alcohol, ethoxylated	Not Available	Not Available
heptamethyltrisiloxane, ethoxylated, propyl ether	Not Available	Not Available

Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit
isotridecyl alcohol, ethoxylated	Not Available	Not Available
heptamethyltrisiloxane, ethoxylated, propyl ether	Not Available	Not Available
Notes:	Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.	

Exposure controls

Appropriate engineering controls	General ventilation is adequate under normal operating conditions to control worker exposure to airborne contaminants.
Eye and face protection	<ul style="list-style-type: none">▶ Wear appropriate safety glasses▶ Check for and remove any contact lenses

DiamondKote W-4191

Skin protection	See Hand protection below
Hands/feet protection	<ul style="list-style-type: none"> ▶ Wear chemical protective gloves ▶ Wear Industrial safety footwear NOTE: <ul style="list-style-type: none"> ▶ Care must be taken when removing gloves and other protective equipment, to avoid all possible skin contact. ▶ Contaminated leather items, such as shoes, belts and watch-bands should be removed as first aid measure
Body protection	Follow standard industrial safety practice
Other protection	None

Respiratory protection

Wear a standard industrial safety mask

SECTION 9 Physical and chemical properties**Information on basic physical and chemical properties**

Appearance	White		
Physical state	Liquid	Relative density (Water = 1)	0.950-1.05
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	4.5 – 7.5	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Available
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Available	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Not Available	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 Stability and reactivity

Reactivity	See section 7
Chemical stability	<ul style="list-style-type: none"> ▶ Unstable in the presence of incompatible materials. ▶ Product is considered stable. ▶ Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 Toxicological information**Information on toxicological effects**

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Ingestion	The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.
Skin Contact	Skin contact is not thought to have harmful health effects (as classified under EC Directives)
Eye	Direct contact with eyes may cause temporary irritation
Chronic	No known significant effects or critical hazards.

DiamondKote W-4191

DiamondKote DKW-4191	TOXICITY	IRRITATION
	Not Available	Not Available
Isotridecyl alcohol, ethoxylated	TOXICITY	IRRITATION
	Not Available	Not Available
heptamethyltrisiloxane, ethoxylated, propyl ether	TOXICITY	IRRITATION
	Not Available	Not Available
Legend:	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances	

Acute Toxicity	✗	Carcinogenicity	✗
Skin Irritation/Corrosion	✗	Reproductivity	✗
Mild Eye irritation if direct contact	✓	STOT - Single Exposure	✗
Respiratory or Skin sensitisation	✗	STOT - Repeated Exposure	✗
Mutagenicity	✗	Aspiration Hazard	✗

Legend: ✗ – Data either not available or does not fill the criteria for classification
 ✓ – Data available to make classification

SECTION 12 Ecological information

Toxicity

DiamondKote DKW-4191	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
isotridecyl alcohol, ethoxylated	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
heptamethyltrisiloxane, ethoxylated, propyl ether	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
Legend:	Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data				

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

SECTION 13 Disposal considerations

Waste treatment methods

Product / Packaging disposal	<ul style="list-style-type: none"> DO NOT allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first. Recycle wherever possible. Consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified. Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.
-------------------------------------	--

SECTION 14 Transport information

Labels Required

Marine Pollutant	NO
-------------------------	----

Land transport (DOT): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): VENTED PACKAGES ARE FORBIDDEN FOR AIR TRANSPORT.

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
isotridecyl alcohol, ethoxylated	Not Available
heptamethyltrisiloxane, ethoxylated, propyl ether	Not Available

14.7.3. Transport in bulk in accordance with the IGC Code	
Product name	Ship Type
isotridecyl alcohol, ethoxylated	Not Available
heptamethyltrisiloxane, ethoxylated, propyl ether	Not Available

SECTION 15 Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture	
isotridecyl alcohol, ethoxylated is found on the following regulatory lists	
US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory	
heptamethyltrisiloxane, ethoxylated, propyl ether is found on the following regulatory lists	
US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory	

Additional Regulatory Information

Not Applicable

Federal Regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 hazard categories	
Flammable (Gases, Aerosols, Liquids, or Solids)	No
Gas under pressure	No
Explosive	No
Self-heating	No
Pyrophoric (Liquid or Solid)	No
Pyrophoric Gas	No
Corrosive to metal	No
Oxidizer (Liquid, Solid or Gas)	No
Organic Peroxide	No
Self-reactive	No
In contact with water emits flammable gas	No
Combustible Dust	No
Carcinogenicity	No
Acute toxicity (any route of exposure)	No
Reproductive toxicity	No
Skin Corrosion or Irritation	No
Respiratory or Skin Sensitization	No
Temporary eye irritation if direct contact	Yes
Specific target organ toxicity (single or repeated exposure)	No
Aspiration Hazard	No
Germ cell mutagenicity	No
Simple Asphyxiant	No

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

None Reported

US. EPCRA Section 313 Toxic Release Inventory (TRI) (40 CFR 372)

None Reported

Additional Federal Regulatory Information

Not Applicable

State Regulations

US. California Proposition 65

None Reported

Additional State Regulatory Information

Not Applicable

National Inventory Status	
National Inventory	Status
Australia - AIIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (isotridecyl alcohol, ethoxylated; heptamethyltrisiloxane, ethoxylated, propyl ether)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	No (heptamethyltrisiloxane, ethoxylated, propyl ether)
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes

DiamondKote W-4191

Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (isotridecyl alcohol, ethoxylated; heptamethyltrisiloxane, ethoxylated, propyl ether)
Vietnam - NCI	Yes
Russia - FBEPH	No (heptamethyltrisiloxane, ethoxylated, propyl ether)
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

SECTION 16 Other information

Revision Date	25/06/2025
Initial Date	17/06/2024

Other information
The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.