



Material SAFETY DATA SHEET

Formcoat WS100

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Formcoat WS100**
Description: Formwork chemical release agent
Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com
Date Prepared: 06.07.14
MSDS Number: DCP-IND/02/02

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Unsaturated fatty acid, distillate hydrocarbon.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Hydrocarbon (C ₁₀ -C ₂₈)	Xn, N, F	R10, 40, 65, 66 R51/53	68334-30-5	30 - 60

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Flammable.
Limited evidence of a carcinogenic effect.
Harmful: may cause lung damage if swallowed.
Repeated exposure may cause skin dryness or cracking.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification: Xn, N, F. R10, 40, 65, 66, 51/53.

4: FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Lifting upper and lower eye lids occasionally. Get medical attention immediately.

Skin: Remove contaminated clothes. Get medical attention. Wash clothes before reuse.

Inhalation: Remove to fresh air if symptom persists. Obtain medical advice.

Ingestion: Wash out thoroughly the mouth with water. Do not induce vomiting. Obtain medical advice.



5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	52°C.
Extinguishing Media:	Carbon dioxide, powder, water fog. Don't Use water jets.
Note: There is a danger of flash back if sparks or hot surfaces ignite vapor.	
Personal Protective Equipment:	Self-contained breathing apparatus and full protective clothing.
Special Exposure Hazards:	Toxic fumes. Carbon oxides.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear suitable protective clothing, gloves and eye/face protection Caution! Floor and other surfaces may be slippery. Ventilate area of leak or spill. Large and uncontained spillage should be smoother with foam to reduce the risk of ignition.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Recover liquid when possible, collect liquid in appropriate container or soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

7: HANDLING AND STORAGE

Handling:	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Wash hands thoroughly after contact.
Storage:	Keep container tightly closed in a cool dry area away from sources of heat and out of direct sunlight to avoid pressure build up. Store in conformity with local fire regulations. Store away from sources of ignition.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Use chemical safety goggles and/or a full face shield where splashing is possible.
Skin Protection:	Wear impervious clothing, including boots, gloves, lab coats, aprons or coveralls.
Respiratory Protection:	A system of local and/or general exhaust is recommended to keep employee below the Airbone Exposure Limit. If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respiratory supplier.
Hygiene Measures:	Change contaminated clothing and clean before re-use.
Engineering Controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.



9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Cloudy milky
Odour:	Gas oil like
Boiling Point (°C):	180 - 380
Relative Density (@15°C):	0.90
Water Solubility:	Insoluble

10: STABILITY AND REACTIVITY

Stability:	Stable at ambient temperature.
Chemical Incompatibility:	Strong oxidizing agents, strong acids and halogens.
Hazardous Polymerization:	Incomplete composition will generate smoke, carbon dioxide and hazardous gases including carbon monoxide.

11: TOXICOLOGICAL INFORMATION

Health Effects

On Eyes:	Unlikely to cause more than transient signing or redness, if accidental eye occurs.
On Skin:	Unlikely to cause harm to skin on brief or occasional contact, but prolonged or repeated exposure may lead to deterministic.
By Inhalation:	Can cause irritation to eyes, nose and throat due to exposure to vapor.
By Ingestion:	Unlikely to cause harm if accidentally swallowed in small doses. Throw large quantities may cause nausea, and diarrhea. Will injure the lungs if aspiration occurs - during vomiting.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	Spillages may penetrate the soil causing ground water contamination. This material may accumulate in sediments.
Mobility:	Liquid.
Degradability:	This product inherently biodegradable.
Bioaccumulation:	There is no evidence to suggest bioaccumulation will occur.
Environmental Toxicity:	Harmful to aquatic organisms may cause long term effects in the aquatic environment. Spill may form a film on water surfaces causing physical damages to organisms. Oxygen transfer could also be impaired.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off through an authorized waste contractor to a licensed site.

Used/ Contaminated Product: As for unused product.

Packaging: Must be disposed off through an authorized waste contractor.

14: TRANSPORT INFORMATION



UN Number: 1202

Transport Name: Diesel, fuel.

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMDG/IMO	3	III	Yes
Air Transport	ICAO/IATA	3	III	
At land	RID/ADR	3	III	

15: REGULATORY INFORMATION

Hazard Label Data:

Xn



Harmful

N



Dangerous for
the environment

F



Flammable

Named Ingredients:

Fuels, diesel.

Risk Phrases:

R10	Flammable.
R40	Limited evidence of a carcinogenic effect.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases:

S2	Keep out of the reach of children.
S24	Avoid contact with skin.
S29	Do not empty into drains.
S36/37	Wear suitable protective clothing and gloves.
S43	In case of fire, use foam/dry powder/ Co ₂ . Never use water jets.
S61	Avoid release to the environment. Refer to special instruction/safety data sheet.
S62	If swallowed do not induce vomiting, seek medical advice immediately and show container or label.

16: OTHER INFORMATION

Issue Date:

06/07/2014

Revised Date:

Disclaimer:

The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.