



Material SAFETY DATA SHEET

Formcoat WS100

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Formcoat WS100**
Description: Formwork chemical release agent
Manufacturer: **Ayla Construction Chemicals**
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2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Unsaturated fatty acid, distillate hydrocarbon and additives.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Distilled hydrocarbon (C ₉ -C ₂₀)	Xn	R40	68334-30-5	30 - 60

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Limited evidence of a carcinogenic effect.
Danger of serious damage to health by prolonged exposure.
Harmful to aquatic organisms.

Classification: Xn, N. R40, 48, 52.

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):	> 95°C.
Extinguishing Media:	Carbon dioxide, powder, water fog. Don't Use water jets.
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. Wear suitable protective clothing, gloves and eye/face protection Caution! Floor and other surfaces may be slippery. Ventilate area of leak or spill. Spillage should be soaked with inert material like earth/sand, do not use flammable material like saw dust.
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:	Use only in well ventilated areas.
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:	Milky white
Odour:	Gas oil like
Boiling Point (°C):	>100°C
Relative Density (@15°C):	0.88 – 0.90
Water Solubility:	Partially soluble

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

This product is **not** considered as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

Xn

N



Harmful



Dangerous for the environment

Named Ingredients: Fuels, diesel.

Risk Phrases:

R40	Limited evidence of a carcinogenic effect.
R48	Danger of serious damage to health by prolonged Exposure.
R52	Harmful to aquatic organisms.

Safety Phrases:

S1	Keep locked up.
S23	Do not breathe gas/fumes/vapour/spray.
S24/25	Avoid contact with skin and eyes.
S29	Do not empty into drains.
S36/37	Wear suitable protective clothing and gloves.
S45	In case of accident or if you feel unwell seek medical advice immediately.
S61	Avoid release to the environment. Refer to special instruction/safety data sheet.



16: OTHER INFORMATION

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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.