

MSPRIME



Safety Data Sheet

According to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) No. 2020/878)

Language EN

Date of revision 2025-12-10, Version 1

Section 1 – Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name MSPrime

Product code Component in Foulfree Multi Surface Kits:
FFKITMS-S, FFKITMS-M

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Adhesion Promoter

1.3 Details of the supplier of the Safety Data Sheet

Supplier Propspeed International Ltd
PO Box 83232
Edmonton
Auckland
New Zealand
www.propspeed.com

Telephone +64 9 524 1470

Telefax +64 9 813 5246

E-mail (competent person) info@propspeed.com

1.4 Emergency telephone number

Emergency number + 33 (0)1 45 42 59 59
(Centre AntiPoison et de Toxicovigilance, France)
(24hrs/d – 365 d/year)

Section 2 - Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

Hazard class	Hazard category	H-Code
Flammable liquids	Category 3	H226
Aspiration hazard	Category 1	H304
Acute toxicity (dermal)	Category 4	H312
Skin corrosion/irritation	Category 2	H315
Eye Damage	Category 2A	H319
Acute toxicity (inhalation)	Category 4	H332
Specific target organ toxicity, single exposure	Category 3	H335
Specific target organ toxicity after repeated exposure	Category 2	H373

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

UFI: JE92-21C2-H00Y-3RDH

Hazard pictograms:



Signal word: Danger**Contains:** Xylene, Ethylbenzene, Chlorobenzene**Hazard statements:****[H-Code: Hazard information]**

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312 + H332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:**[P-Code: Safety information]**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe mist/vapours.

P280: Wear protective gloves/eye protection/face protection.

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do NOT induce vomiting.

P403 + P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Pregnant women should not be exposed to the product. The release of this product into sewers, sea, lakes and other surface waters has undesirable effects.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Section 3 - Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Hazardous ingredients

CAS No.	CE No.	Substance	Concentration %	Classification according to Regulation (EC) No. 1272/2008	
	REACH registration No.				
1330-20-7	215-535-7	Xylene Index REACH No. 601-022-00-9	50 - 70	Flam. Liq. 3 Acute Tox. 4 Acute Tox. 4 Skin Irrit. 2	H226 H332 H312 H315
	01-2119488216-32				
100-41-4	202-849-4	Ethylbenzene Index REACH No. 601-023-00-4	10 - 20	Flam. Liq. 2 Acute Tox. 4 STOT RE 2 Asp. Tox. 1	H225 H332 H373 H304
	01-2119489370-35				
108-90-7	203-628-5	Chlorobenzene Index REACH No. 602-033-00-1	1 - 2.5	Flam. Liq. 3 Actue Tox. 4 Skin Irrit. 2 Eye Irrit. 2 STOT SE 3 STOT SE 3 Aquatic Chronic 2	H226 H332 H315 H319 H335 H336 H411
	01-2119432722-45				

*Specific Conc. Limits, M-factors and ATEs: dermal: ATE = 1,100 mg/kg bw, oral: ATE = 100 mg/kg bw

Section 4 - First aid measures

4.1 Description of first aid measures

General information:

- Remove non-emergency personnel to safety.
- First aider: pay attention to self-protection.

Following inhalation:

- Move to fresh air.
- Treat symptomatically.
- If symptoms persist, call a physician.

Following skin contact:

- Wash off with soap and water.
- Wash contaminated clothing before re-use.
- Get medical attention if symptoms occur.
- Thoroughly clean shoes before re-use.

Following eye contact:

- Flush Remove contact lenses, if present and easy to do.
- Continue rinsing.
- If eye irritation persists: Get medical advice/ attention.

Following ingestion:

- Seek medical advice.
- Do NOT induce vomiting.
- If victim is fully conscious, give a cupful of water.
- Never give anything by mouth to an unconscious person.
- Hold person's head low, to prevent aspiration.

4.2 Most important symptoms and effects, both acute and delayed

Headache, cough, irritation, breathing difficulties, spasm, etc.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 – Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media:**

Carbon dioxide, Dry Chemical, Water spray or foam.

- Remove safely flammable containers from danger zone.
- Use appropriate fire extinguisher.
- Attack fire in the direction of the wind.

Unsuitable extinguishing media:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

Water may be ineffective.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and appropriate protective equipment.

Use water spray to cool unopened containers. Flammable liquid and vapour

Section 6 - Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear personal protective equipment (see section 8).
- Local authorities should be advised if significant spillages cannot be contained.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). After cleaning, flush away traces with water. Eliminate all ignition sources if safe to do so.

6.4 Reference to other sections

Personal protective equipment: see section 8.

Disposal considerations: see section 13.

Section 7 - Handling and storage

7.1 Precautions for safe handling

- Avoid inhalation of vapor or mist.
- Do not get on skin or clothing.
- Do not get in eyes.
- Avoid contact with skin, eyes and clothing.
- Do not swallow.
- Ensure adequate ventilation. Wash thoroughly after handling.
- Keep away from fire (No Smoking).
- Keep away from fire, sparks and heated surfaces.
- Do not use sparking tools.
- Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

- Keep containers tightly closed.
- Store in a cool and well-ventilated place.
- Ensure adequate ventilation of workplace and storage area.
- Protect from sunlight.
- Keep away from water and moisture.

7.3 Specific end use(s)

Adhesion Promoter

Section 8 - Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure limit values (OEL)

Ingredient	France		Italy		Spain	
	TWA	STEL	TWA	STEL	TWA	STEL
Xylene	221 mg/m ₃ , 50 ppm	442 mg/m ₃ , 100 ppm	221 mg/m ₃ , 50 ppm	442 mg/m ₃ , 100 ppm	221 mg/m ₃ , 50 ppm	442 mg/m ₃ , 100 ppm

Ethylbenzene	88.4 mg/m ₃ , 20 ppm	442 mg/m ₃ , 100 ppm	442 mg/m ₃ , 100 ppm	884 mg/m ₃ , 200 ppm	441 mg/m ₃ , 100 ppm	884 mg/m ₃ , 100 ppm
Chlorobenzene	23 mg/m ₃ , 5 ppm	70 mg/m ₃ , 15 ppm	23 mg/m ₃ , 5 ppm	70 mg/m ₃ , 15 ppm	23 mg/m ₃ , 5 ppm	70 mg/m ₃ , 15 ppm

Ingredient	Netherlands		Greece		Croatia	
	TWA	STEL	TWA	STEL	TWA	STEL
Xylene	210 mg/m ₃ , 47.5 ppm	430 mg/m ₃ , 97.3 ppm	435 mg/m ₃ , 100 ppm	650 mg/m ₃ , 150 ppm	221 mg/m ₃ , 50 ppm	442 mg/m ₃ , 100 ppm
Ethylbenzene	215 mg/m ₃ , 48.6 ppm	430 mg/m ₃ , 97.3 ppm	435 mg/m ₃ , 100 ppm	545 mg/m ₃ , 125 ppm	442 mg/m ₃ , 100 ppm	884 mg/m ₃ , 200 ppm
Chlorobenzene	23 mg/m ₃ , 5 ppm	70 mg/m ₃ , 15 ppm	23 mg/m ₃ , 5 ppm	70 mg/m ₃ , 15 ppm	23 mg/m ₃ , 5 ppm	70 mg/m ₃ , 15 ppm

- (1) *TWA Time-weighted average (long-term exposure limit): a value in relation to an 8-hour time-weighted average reference period*
- (2) *STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute reference period*

8.1.2 Control parameters

Derived No Effect Level (DNEL)

Component	Exposure	Workers			
		Acute / short-term Local Effects	Acute / short-term Systemic Effects	Long-term Local Effects	Long-term Systemic Effects
Xylene	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³

	Dermal	-	-	-	212 mg/kg bw/day
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Component	Exposure	General population			
		Acute / short-term Local Effects	Acute / short-term Systemic Effects	Long-term Local Effects	Long-term Systemic Effects
Xylene	Inhalation	260 mg/m ³	260 mg/m ³	65.3 mg/m ³	65.3 mg/m ³
	Dermal	-	-	-	125 mg/kg bw/day
	Oral	-	-	-	12.5 mg/kg bw/day

Predicted No-Effect Concentration (PNEC)

Component	Environmental protection objective	PNEC Value
Xylene	Freshwater	327 µg/l
	Intermittent releases (freshwater)	327 µg/l
	Sediment (freshwater)	12.46 mg/kg
	Marine water	327 µg/l
	Sediment (marine water)	12.46 mg/kg
	Soil	2.31 mg/kg
	Sewage treatment plant (STP)	6.58 mg/l

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation.

8.2.2 Personal protective equipment

Eye/face protection

Use tight fitting safety goggles or face shield.

Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded.

Hand protection

Protective gloves must be worn at all times.

Type of material (recommended for splash contact): Nitrile rubber protective gloves.

Material thickness: > 0.4 mm.

Breakthrough times of the glove material: 10-30 min.

Type of material (recommended for full contact): Butyl rubber protective gloves.

Material thickness: > 0.3 mm.

Breakthrough times of the glove material: >480 min.

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 risk of cuts, abrasion and contact time. Warning: due to the many influencing factors (e.g. temperature), the duration of use of a chemical protective glove may be significantly shorter than the breakthrough times determined by the tests.

Skin and body protection

Wear appropriate protective clothing.

Respiratory protection

Use appropriate certified respirator when exposure limits are exceeded.

Appropriate respiratory protection: respiratory protection device with full mask, in accordance to European standards like NF EN 136.

Recommended filter type: anti-gas filter ABEK (certain inorganic gas and vapour, organics and acids, ammoniac/amines) compliant with recognized standards like NF EN 14387.

When exposed to vapours/aerosols, use appropriate individual respiratory protection and clothing. Appropriate respiratory protection: respiratory protection device with full mask, in accordance to European standards like NF EN 136.

Recommended filter type: combined filter ABEK-P2 (certain inorganic gas and vapour, organics and acids, ammoniac/amines, particles) compliant with recognized standards like NF EN 14387.

Observe the maximum wearing times of respiratory protection devices and the instructions of the manufacturer.



8.2.3 Environmental exposure controls

Do not let product enter drains, surface and ground water.

Section 9 – Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	viscous liquid
Colour	amber
Odour	aromatic
Odour threshold	data not available
pH	not applicable
Melting point/freezing point	none
Boiling point and boiling range	138 – 140 °C
Flash point	27 °C
Evaporation rate	data not available
Flammability	not applicable
Explosive limits	lower limit: 1.1%, upper limit: 7%

Vapour pressure	1,333 Pa (32 °C)
Density	0.9 g/ml
Solubility	not applicable
Partition coefficient (n-octanol/water)	not applicable
Auto-ignition temperature	485 °C
Decomposition temperature	not applicable
Viscosity	100 – 200 mPa.s at 23 °C (Brookfield)
Molecular mass	not usable

Section 10 – Stability and reactivity

10.1 Reactivity

No hazardous reaction known under normal handling and storage conditions. Other important information may be mentioned in other parts of this chapter.

10.2 Chemical stability

Stable under normal handling and storage conditions. (20 °C)

10.3 Possibility of hazardous reactions

No risk of dangerous reactions under normal usage conditions. Hazardous decomposition products formed under fire conditions.

10.4 Conditions to avoid

Keep away from heat, flames and sparks.

10.5 Incompatible materials

Oxidising agents.

10.6 Hazardous decomposition products

Carbon monoxide, Carbon dioxide (CO₂), Hydrogen chloride, Chlorine compounds.

Section 11 – Toxicological information**11.1 Information on toxicological effects****A. COMPONENTS****Acute toxicity****[Xylene]**

LD50 (oral) 3,523 mg/kg (rat)
LC50 (inhalation) 29 mg/l/4h (rat)
LD50 (dermal) 12,126 mg/kg (lapin)

[Ethylbenzene]

LD50 (oral) 3,500 mg/kg (rat)
LC50 (inhalation) 17.2 mg/l/4h
LD50 (dermal) 15,433 mg/kg (rabbit)

[Chlorobenzene]

LD50 (oral) 7,000 mg/kg (rat)

B. MIXTURE**Acute toxicity**

Lethal dose (oral) No specific data on mixture.
Lethal dose (dermal) No specific data on mixture.
Lethal concentration (inhalation) No specific data on mixture.

Skin corrosion/irritation

Conclusion/summary on mixture No specific data on mixture.

Eye damage/irritation

Conclusion/summary on mixture No specific data on mixture.

Skin sensitization/Sensitization to the respiratory tract

Conclusion/summary on mixture No specific data on mixture.

Germ cell mutagenicity

Conclusion/summary on mixture No specific data on mixture.

Carcinogenicity

Conclusion/summary on mixture No specific data on mixture.

Reproductive toxicity

Conclusion/summary on mixture No specific data on mixture.

Specific target organ toxicity - single exposure

Conclusion/summary on mixture No specific data on mixture.

Specific target organ toxicity - repeated exposure

Conclusion/summary on mixture No specific data on mixture.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Further information

Other adverse effects: central nervous system depression, nausea, migraine, vomiting, ataxia, shivers. Other dangerous properties cannot be excluded.

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Section 12 – Ecological information**12.1 Toxicity****A. COMPONENTS**

Xylene	Fish (Oncorhynchus mykiss) LC50 – 2.60 mg/l – 96h – static
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	Algae (Pseudokirchneriella subcapitata) – EC50 – 4.36 mg/l – 73h - static Bacterium (Pseudomonas putida) – EC50 – 43 mg/l – 5.75h - static
Ethylbenzene	Fish (Oncorhynchus mykiss) LC50 – 4.20 mg/l – 96h Daphnia (Daphnia magna) – EC50 – 1.8-2.4 mg/l – 48h - static Algae (Skeletonema costatum) – EC50 – 4.9 mg/l – 72h - static
Chlorobenzene	Fish (Carassius auratus) LC50 – 73.03mg/l – 96h Daphnia (Daphnia magna) – EC50 – 4.3 mg/l – 48h - static

B. MIXTURE

No data available.

12.2 Persistence and degradability**A. COMPONENTS**

Xylene	No data available.
Ethylbenzene	Aerobic biodegradability – Exposure time 28d Result: 70-80%: Readily biodegradable
Chlorobenzene	Aerobic biodegradability – Exposure time: 28 days Result: Not readily biodegradable $BOD_5 = 30 \text{ mg/g}$ $COD = 410 \text{ mg/g}$ $BOD/COD = 7.32\%$

B. MIXTURE

No data available.

12.3 Bioaccumulative potential**A. COMPONENTS**

Xylene	Bioconcentration factor (BCF) – 25.9
Ethylbenzene	Bioconcentration factor (BCF) – 110 l/kg
Chlorobenzene	No data available

B. MIXTURE

No data available.

12.4 Mobility in soil**A. COMPOANTS**

Xylene	No data available.
Ethylbenzene	No data available.

Chlorobenzene	No data available.
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B. MIXTURE

No data available.

12.5 Results of PBT & vPvB assessment**A. COMPONENTS**

Xylene	Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB).
Ethylbenzene	
Chlorobenzene	

B. MIXTURE

No data available.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effect

None.

Section 13 – Disposal considerations**13.1 Waste treatment methods**

Dispose of product and container as hazardous waste. Dispose in accordance with European directives on waste and hazardous waste. Dispose of in accordance with local regulations. Keep in original container. Handle empty containers carefully, as residual vapours are flammable.

Product/packaging disposal

Dispose of contents and container to an approved waste disposal plant for hazardous waste. Do not release to sewage system. Empty containers contain product residue (liquid or vapor) and may be dangerous. Handle contaminated packages in the same way as the substance itself. Keep product and empty container away from heat and ignition sources.

Waste Disposal Legislation Ref.No. (EC)

Dispose of containers contaminated by the product in accordance with local or national legal provisions. The European Waste Catalogue (2000/532/EC) classification of this product. Waste codes / waste designations according to

LoW: 08 01 11* Waste paint and varnish containing organic solvents or other hazardous substances. If this product is mixed with other wastes, the original waste product code may no longer apply, and the appropriate code should be assigned. For further information contact your local waste authority. Waste should not be disposed of by release to sewers. Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Containers which are not properly cleaned may contain (highly) flammable or explosive vapours.

Special precautions: Use appropriate protective equipment for the removal and / or disposal of this product.

HP Codes: HP3, HP4, HP5, HP6, HP14

Section 14 – Transport information

	ADR/RID	IMDG	IATA
14.1 UN number	UN1139	UN1139	UN1139
14.2 UN proper shipping name	COATING SOLUTION	COATING SOLUTION	COATING SOLUTION
14.3 Transport hazard class(es)	 3	 3	 3
14.4 Packing group	III	III	III
14.5 Environmental hazard	No	No	No

Hazchem code: 3Y

14.6 Special precautions for user

Transport with local users: always transport in packaging that is correct and secure. Ensure that persons transporting the product are aware of the measures to be taken if an accident occurs or in case of accidental release.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not available.

Section 15 – Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Observe EU and national regulations. For labelling information, please refer to section 2.

Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III): Not applicable.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out by the manufacturer for this product.

Section 16 – Other information**Product**

The information provided in this document is based on our knowledge at the date of its publication.

The properties of the product described do not constitute a warranty in the legal sense of the term. The provision of this document does not release the purchaser of the product from his responsibility to comply with legislations and regulations in force for this product. This statement applies for the resale and distribution of the product, or of substances or goods containing this product, in other jurisdictions and having regard to the industrial and commercial property rights of third parties. If the product described is transformed or mixed with other substances or materials, the information contained in this document may not be valid for the new product thus manufactured, unless explicitly mentioned. In case of repackaging of the product, the customer is required to provide the required safety information.

Legend

CAS Chemical Abstracts Service

ppm part per million

LD50 Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval

LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
EC50	Effective Concentration 50%
vPvB	very Persistent and very Bioaccumulative
WEL	Workplace Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic
DNEL	Derived No-Effect Level
PNEC	Predicted No-Effect Concentration
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemical
CLP	Regulation on Classification, Labelling and Packaging of substances and mixtures
ADR/RID	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association

Flam. Liq.	Flammable liquid
Acute Tox.	Acute toxicity
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure
Asp. Tox.	Aspiration hazard
Carc.	Carcinogenicity
Eye Dam.	Serious eye damage/eye irritation
Skin Sens.	Respiratory/skin sensitization
Skin Corr.	Skin corrosion