Safety Data Sheet

According to Annex II to REACH — Regulation (EU) 2020/878

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product name	Aero-Wipe FKAW-5606

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

Identified use	Pre-saturated wet wipes for industrial, professional and consumer use
Uses advised against	No data available

1.3. Details of the supplier of the Safety Data Sheet

Name	Air Mount Technic Co. Ltd.
Full address	No. 168/1 Moo 12, Bueng Kham Phroi Sub-district, Lumlukka District, Pathum Thani Province, 12150
District & country	Thailand
Office	+66 (0) 2 055 1323
English support	+66 (0) 95 818 0146
Thai support	+66 (0) 61 131 1301
Email (competent person responsible for this SDS)	info@airmount-technic.com

1.4. Emergency telephone number

For urgent inquiries, refer to:

Office	+66 (0) 2 055 1323
English-language line	+66 (0) 95 818 0146
Thai-language line	+66 (0) 61 131 1301

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions of (EC) Regulation 1272/2008 (CLP) and its subsequent amendments and supplements. The product therefore requires a Safety Data Sheet that complies with the provisions of (EU) Regulation 2020/878. Additional information concerning risks to health and / or the environment is given in Sections 11 and 12 of this sheet.

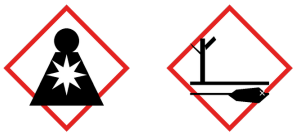
Hazard classification and indication

Hazard class & category	Code	Hazard statement
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment, chronic toxicity, category 3	H412	Harmful to aquatic life with long-lasting effects.

2.2. Label elements

Hazard labeling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms



Signal word	Danger

Hazard statements

H304	May be fatal if swallowed and enters airways.
H412	Harmful to aquatic life with long-lasting effects.

Precautionary statements

P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P331	Do NOT induce vomiting.
P405	Store locked up.
P501	Dispose of contents / container in accordance with national regulations.

Contains

Hydrocarbons C12–C18, isoalkanes, cyclics, 2–30% aromatics; petroleum distillate.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB substance in concentration ≥ 0.1%. The product does not contain substances with endocrine-disrupting properties in concentration ≥ 0.1%. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin, resulting in disorders such as oil acne and folliculitis.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Information not relevant.

3.2. Mixtures

Substance & identifiers	Conc. (%)	Classification (EC) 1272/2008 (CLP)
Hydrocarbons, C12–C18, isoalkanes, cyclics, 2–30% aromatics INDEX: — EC: 954-225-2 CAS: — REACH Reg.: 01-2120920648-49	50–75	Asp. Tox. 1 — H304
Petroleum distillate INDEX: — EC: 934-954-2 CAS: — REACH Reg.: 01-2119826592-36	7–9	Asp. Tox. 1 — H304
2,6-Di-tert-butyl-p-cresol INDEX: — EC: 204-881-4 CAS: 128-37-0	0.6–0.7	Aquatic Acute 1 — H400 (M = 1); Aquatic Chronic 1 — H410 (M = 1)

The full wording of hazard (H) phrases is given in Section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of doubt or in the presence of symptoms, contact a doctor and show this document. In case of more severe symptoms, ask for immediate medical aid.

EYES	Remove contact lenses if present and if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice / attention.
SKIN	Take off contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice. Avoid further contact with contaminated clothing.
INGESTION	Do not induce vomiting unless explicitly authorized by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice / attention.
INHALATION	Remove the victim to fresh air, away from the accident scene. Get medical advice / attention.

Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of contamination. In the absence of other more specific indications, the use of disposable gloves is recommended in the event of possible contact with body fluids. For the type of PPE suitable for the substance or mixture, see Section 8.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product is unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

4.3. Indication of any immediate medical attention and special treatment needed

If symptoms occur, whether acute or delayed, consult a doctor.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

Unsuitable extinguishing media

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not breathe combustion products.

5.3. Advice for firefighters

General information

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous to health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated extinguishing water and the remains of the fire in accordance with applicable regulations.

Special protective equipment for firefighters

Normal fire-fighting clothing, i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30), in combination with self-contained open-circuit positive-pressure compressed-air breathing apparatus (BS EN 137).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard. Wear suitable protective equipment (including the personal protective equipment referred to in Section 8 of this Safety Data Sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply both to processing staff and to those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container by checking Section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well ventilated. Contaminated material should be disposed of in compliance with the provisions set forth in Section 13.

6.4. Reference to other sections

Information on personal protection and disposal is given in Sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Before handling the product, consult all other sections of this Safety Data Sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials; see Section 10 for details.

Storage class TRGS 510 (Germany): 10

7.3. Specific end use(s)

Information not available.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Regulatory references

Code	Country	Reference
AUS	Österreich	Gesamte Rechtsvorschrift für Grenzwerteverordnung 2021, Fassung vom 14.05.2023
BEL	Belgique	Liste de valeurs limites d'exposition aux agents chimiques, livre VI du Code du bien-être au travail
CHE	Suisse / Schweiz	VME / VLE (SUVA); Grenzwerte am Arbeitsplatz: MAK (SUVA)
DEU	Deutschland	MAK- und BAT-Werte-Liste 2022, Mitteilung 58
DNK	Danmark	BEK nr 1458 af 13/12/2019
ESP	España	Límites de exposición profesional para agentes químicos en España, 2023
FRA	France	Décret n° 2021-1849 du 28 décembre 2021

Code	Country	Reference
FIN	Suomi	HTP-VÄRDEN 2020
IRL	Éire	2020 Code of Practice (Chemical Agents) Regulations 2001–2015
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition, 2020)
—	ACGIH	TLV-ACGIH 2023

Threshold Limit Values — 2,6-Di-tert-butyl-p-cresol

Type	Country	TWA/8h (mg/m³)	TWA (ppm)	STEL/15min (mg/m³)	STEL (ppm)	Remarks
MAK	AUS	10				
VLEP	BEL	2				INHAL
MAK	CHE	10				INHAL
VME/VLE	CHE	10				INHAL
AGW	DEU	10		40		INHAL
MAK	DEU	10		40		INHAL
TLV	DNK	10		20		
VLA	ESP	10				
VLEP	FRA	10				
HTP	FIN	10		20		
OELV	IRL	2				
WEL	GBR	10				
TLV-ACGIH	—	2				

Legend: (C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well ventilated through effective local aspiration. When choosing personal protective equipment, ask your chemical-substance supplier for advice. Personal protective equipment must be CE-marked, showing that it complies with applicable standards.

Hand protection

Protect hands with category III work gloves. The following should be considered when choosing work-glove material (see standard EN 374): compatibility, degradation, permeability time. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

Skin protection

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Eye protection

Wear airtight protective goggles (see standard EN ISO 16321).

Respiratory protection

Respiratory protection devices must be used if the technical measures adopted are not sufficient to restrict the worker's exposure to the threshold values considered. Use a mask with a type B filter, whose class (1, 2 or 3) must be chosen according to the limit-of-use concentration (see standard EN 14387). If the substance considered is odorless, or if its olfactory threshold is higher than the corresponding

TLV-TWA, or in the case of an emergency, wear open-circuit compressed-air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For the correct choice of respiratory protection device, see standard EN 529.

Environmental exposure controls

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Wet wipes
Color	Red
Odor	Slight hydrocarbon
Melting point / freezing point	Not available
Initial boiling point	Not available
Flammability	Not classified as flammable, but will burn
Lower explosive limit	Typical 1 % (V)
Upper explosive limit	Typical 10 % (V)
Flash point	95 °C
Auto-ignition temperature	> 320 °C
Decomposition temperature	Not available
pH	Not available
Kinematic viscosity	14.300 mm^2/s (40.0 °C) per ASTM D445; 5.300 mm^2/s (100 °C); 460 mm^2/s (–40 °C); 2200 mm^2/s (–54 °C)
Solubility	Water solubility: negligible
Partition coefficient (n-octanol / water)	> 6 (based on information on similar products)
Vapor pressure	< 0.5 Pa (20 °C), estimated value(s)
Density	873 kg/m^3 (15.0 °C) per ASTM D4052
Relative vapor density	> 5
Particle characteristics	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available.

9.2.2. Other safety characteristics

Pour point	≤ –60 °C per ASTM D97
Conductivity	This material is not expected to be a static accumulator.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity	There are no particular risks of reaction with other substances under normal conditions of use.

10.2. Chemical stability	The product is stable under normal conditions of use and storage.
10.3. Possibility of hazardous reactions	Reacts with strong oxidizing agents.
10.4. Conditions to avoid	Temperature extremes and direct sunlight.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in Section 3 in order to evaluate the toxicological effects of exposure to the product.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information	Information not available
Information on likely routes of exposure	Skin and eye contact are the primary routes of exposure, although exposure may occur following accidental ingestion.
Delayed and immediate effects — short- and long-term exposure	Information not available
Interactive effects	Information not available

Acute toxicity — product

Acute oral toxicity	LD50 (rat): > 5,000 mg/kg. Low toxicity. Based on available data, the classification criteria are not met. *Note:* Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.
Acute dermal toxicity	LD50 (rabbit): > 5,000 mg/kg. Low toxicity. Based on available data, the classification criteria are not met.

Skin corrosion / irritation

Does not meet the classification criteria for this hazard class. Slightly irritating to skin. Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis. Based on available data, the classification criteria are not met.

Serious eye damage / irritation

Does not meet the classification criteria for this hazard class. Slightly irritating to the eye. Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Does not meet the classification criteria for this hazard class. Not a sensitizer. Based on available data, the classification criteria are not met.

Germ-cell mutagenicity

Does not meet the classification criteria for this hazard class. Non-mutagenic. This product does not meet the criteria for classification in categories 1A / 1B.

Carcinogenicity

Does not meet the classification criteria for this hazard class. Not a carcinogen. The product contains mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC). This product does not meet the criteria for classification in categories 1A / 1B.

Reproductive toxicity

Does not meet the classification criteria for this hazard class. Not a developmental toxicant. Does not impair fertility. This product does not meet the criteria for classification in categories 1A / 1B.

STOT — single exposure

Does not meet the classification criteria for this hazard class.

STOT — repeated exposure

Does not meet the classification criteria for this hazard class.

Aspiration hazard

Toxic for aspiration. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis, which can be fatal.

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human-health effects under evaluation.

Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use; they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible.

High-pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed. Slightly irritating to the respiratory system. Classifications by other authorities under varying regulatory frameworks may exist. Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).

SECTION 12. ECOLOGICAL INFORMATION

This product is dangerous for the environment and for aquatic organisms. In the long term it has negative effects on the aquatic environment.

12.1. Toxicity

Endpoint	Value	Notes
LL/EL/IL50 — Fish	10–100 mg/L	Harmful
LL/EL/IL50 — Crustacea	10–100 mg/L	Harmful
LL/EL/IL50 — algae / aquatic plants	10–100 mg/L	Harmful

2,6-Di-tert-butyl-p-cresol

LL50 — Fish	1.1 mg/L / 96 h — *Oryzias latipes* (orange-red killifish); method: Regulation (EC) 440/2008, Annex C.1
EC50 — Crustacea	0.48 mg/L / 48 h — *Daphnia magna* (water flea); equivalent to OECD Test Guideline 202
Chronic NOEC — Fish	0.53 mg/L / 30 d — *Oryzias latipes*; equivalent to OECD Test Guideline 210
Chronic NOEC — Crustacea	0.069 mg/L / 21 d — *Daphnia magna*; equivalent to OECD Test Guideline 211

12.2. Persistence and degradability

Not readily biodegradable. Major constituents are inherently biodegradable, but the product contains components that may persist in the environment. For 2,6-di-tert-butyl-p-cresol: exposure time 62 d; method OECD Test Guideline 309; degradation half-life 5.65 days.

12.3. Bioaccumulative potential

Contains components with the potential to bioaccumulate.

12.4. Mobility in soil

Liquid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile. Floats on water.

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB substance in concentration ≥ 0.1%.

12.6. Endocrine-disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Does not have ozone depletion potential, photochemical ozone creation potential or global warming potential. The product is a mixture of non-volatile components which will not be released to air in any significant quantities under normal conditions of use. Poorly soluble mixture; causes physical fouling of aquatic organisms. Mineral oil does not cause chronic toxicity to aquatic organisms at concentrations less than 1 mg/L.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Reuse when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste-management firm, in compliance with national and local regulations.

The management of waste arising from the use or dispersal of this product must be organized in accordance with occupational-safety regulations. See Section 8 for the possible need for PPE.

Contaminated packaging

Contaminated packaging must be recovered or disposed of in compliance with national waste-management regulations.

SECTION 14. TRANSPORT INFORMATION

The product is not dangerous under the current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), the International Maritime Dangerous Goods Code (IMDG), or the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number	Not applicable
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	Not applicable
14.7. Maritime transport in bulk according to IMO instruments	Information not relevant

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Seveso category — Directive 2012/18/EU	None
REACH Annex XVII restrictions — product-level	Point 3
Regulation (EU) 2019/1148 (explosives precursors)	Not applicable
Substances in the Candidate List (Art. 59 REACH)	On the basis of available data, the product does not contain any SVHC in concentration ≥ 0.1%.
Substances subject to authorization (Annex XIV REACH)	None
Substances subject to export reporting (Regulation (EU) 649/2012)	None

Substances subject to the Rotterdam Convention	None
Substances subject to the Stockholm Convention	None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that Directive 98/24/EC is respected.

German regulation on the classification of substances hazardous to water (AwSV, of 18 April 2017)

WGK 1: Low hazard to waters.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation or for the substances indicated in Section 3.

SECTION 16. OTHER INFORMATION

Hazard (H) statements referenced in Sections 2 and 3

Asp. Tox. 1	Aspiration hazard, category 1
Aquatic Acute 1	Hazardous to the aquatic environment — acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — chronic toxicity, category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — chronic toxicity, category 3
H304	May be fatal if swallowed and enters airways.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long-lasting effects.
H412	Harmful to aquatic life with long-lasting effects.

Legend

ADR	European Agreement concerning the international carriage of Dangerous goods by Road
ATE	Acute Toxicity Estimate
CAS	Chemical Abstract Service Number
CE50	Effective concentration (required to induce a 50% effect)
CE	Identifier in ESIS (European archive of existing substances)
CLP	Regulation (EC) 1272/2008
DNEL	Derived No-Effect Level
EmS	Emergency Schedule
GHS	Globally Harmonized System of classification and labeling of chemicals
IATA DGR	International Air Transport Association — Dangerous Goods Regulations
IC50	Immobilization Concentration 50%
IMDG	International Maritime Code for Dangerous Goods
IMO	International Maritime Organization
INDEX	Identifier in Annex VI of CLP

LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
OEL	Occupational Exposure Level
PBT	Persistent, Bioaccumulative and Toxic
PEC	Predicted Environmental Concentration
PEL	Predicted Exposure Level
PMT	Persistent, Mobile and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Regulation (EC) 1907/2006
RID	Regulation concerning the international transport of dangerous goods by rail
TLV	Threshold Limit Value
TLV CEILING	Concentration that should not be exceeded during any time of occupational exposure
TWA	Time-weighted average exposure limit
STEL	Short-term exposure limit
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
vPvM	Very Persistent and Very Mobile
WGK	Water hazard classes (German)

General bibliography

1.	Regulation (EC) 1907/2006 (REACH) of the European Parliament
2.	Regulation (EC) 1272/2008 (CLP) of the European Parliament
3.	Regulation (EU) 2020/878 (II Annex of the REACH Regulation)
4.	Regulation (EC) 790/2009 and subsequent Adaptations to Technical Progress (ATPs) of the CLP Regulation, through Delegated Regulation (EU) 2024/197 (XXI ATP)
5.	Regulation (EU) 2019/1148 on the marketing and use of explosives precursors
6.	The Merck Index, 10th Edition
7.	Handling Chemical Safety
8.	INRS — Fiche Toxicologique (toxicological data sheet)
9.	Patty's Industrial Hygiene and Toxicology
10.	N. I. Sax — Dangerous Properties of Industrial Materials, 7th Edition (1989)
11.	IFA GESTIS website
12.	ECHA website
13.	Database of SDS models for chemicals — Ministry of Health and ISS (Istituto Superiore di Sanità), Italy

Note for users: The information contained in this sheet is based on our own knowledge as of the date of the last revision. Users must verify the suitability and completeness of the provided information according to their specific use of the product. This document must not be

regarded as a guarantee of any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

Calculation methods for classification: Chemical and physical hazards — product classification derives from criteria established by Annex I, Part 2 of the CLP Regulation; the data for evaluation of chemical / physical properties are reported in Section 9. Health hazards — product classification is based on calculation methods as per Annex I, Part 3 of the CLP Regulation, unless determined otherwise in Section 11. Environmental hazards — product classification is based on calculation methods as per Annex I, Part 4 of the CLP Regulation, unless determined otherwise in Section 12.