GREASE K-PAG

SAFETY DATA SHEET

according to Regulation (EU) 2015/830



ISSUE DATE: 28.04.2014 REVISION DATE: 29.04.2020 SUPERSEDES DATE: 08.02.2018

VERSION: 4.0

1. SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name Grease K-PAG

Product code Ford Int. Ref. No.: 178006

SDS Number 7683

Product use Professional use

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

Relevant identified uses Lubricants, Greases and Release Products

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Supplier Distributor

Ford-Werke GmbH Ford Motor Company Ltd.
Edsel-Ford-Str. 2-14 Parts Distribution Centre
50769 Cologne Royal Oak Way South

Germany NN11 8NT Daventry, Northants

+49 221 90-33333 United Kingdom sdseu@ford.com +44 1327 305 198

1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH - 24/7)

2. SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Health hazards Skin sensitisation, Category 1 H317 May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms



Signal word Warning

Contains Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol;

N,N-bis(2-ethylhexyl)-5-methyl-1H-benzotriazol-1-methylamine, N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazol-1-methylamine, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-4-methyl-, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methylamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methyl-, 1H-Benzotriazol-1-methyl-,

ethylhexyl)-6-methyl-(Mixture)

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

Prevention

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII. This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

3. SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008	Notes
Dilithium azelate	38900-29-7 254-184-4 01-2120119814-57- XXXX	1 - < 10	Acute Tox. 4 (Oral), H302	
Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol	946-010-7 01-2120770934-44- XXXX	1 - < 10	Skin Sens. 1, H317	UVCB
N,N-bis(2-ethylhexyl)-5-methyl-1H-benzotriazol-1-methylamine, N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazol-1-methylamine, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-4-methyl-, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methanamine, N,N-bis(2-ethylhexyl)-6-methyl-(Mixture)	939-700-4 01-2119982395-25- XXXX	0,1 - < 0,25	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	

UVCB: Substances of Unknown or Variable composition, Complex reaction products or Biological materials

Full text of H-statements: see section 16

4. SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Remove person to fresh air and keep comfortable for breathing. If experiencing

respiratory symptoms: Call a poison center or a doctor. In case of loss of conscience place the victim in the recovery position. Keep victim warm and

rested. If breathing stops, give artificial respiration.

Skin contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation

or rash occurs: Get medical advice/attention. Wash contaminated clothing before

reuse.

Eyes contact Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15

minutes minimum). Remove contact lenses, if present and easy to do. Continue

rinsing. Consult an ophtalmologist if irritation persists.

Ingestion Call a poison center or a doctor if you feel unwell. Move to fresh air. Never give

anything by mouth to an unconscious person. Do not induce vomiting. If unconscious, place in the recovery position and seek medical advice.

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

Symptoms/effects: Allergic reactions.

Symptoms/effects after skin contact May cause an allergic skin reaction.

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

Provide general supportive measures and treat symptomatically.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray. dry chemical powder, alcohol-resistant foam, carbon dioxide

(CO2).

Unsuitable extinguishing mediaDo not use a water jet since it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

Fire hazard pressure rise and possible bursting of container.

Explosion hazardNo direct explosion hazard.

Hazardous combustion products During fire, gases hazardous to health may be formed. Carbon oxides (CO,

CO2). Nitrogen oxides. Metal oxides.

5.3. Advice for firefighters

Precautionary measures fire Evacuate area. Use standard firefighting procedures and consider the hazards of

other involved materials.

materials.

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-

contained breathing apparatus. Complete protective clothing.

Other information Self-contained breathing apparatus and full protective clothing must be worn in

case of fire. In case of fire and/or explosion do not breathe fumes.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Do not handle until all safety precautions have been read and understood. If

spilled, may cause the floor to be slippery. Keep people away from and upwind

of spill/leak. Keep unnecessary personnel away.

For non-emergency personnel

Protective equipmentDo not touch or walk on the spilled product.

Emergency procedures Evacuate unnecessary personnel. Provide adequate ventilation. If the

occupational exposure limit is exceeded wear suitable protectipon.

For emergency responders

Protective equipmentDo not attempt to take action without suitable protective equipment. For further

information refer to section 8: "Exposure controls/personal protection".

Emergency procedures Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

6.3. Methods and material for containment and cleaning up

For containment Dispose of in accordance with local regulations.

Methods for cleaning upKeep container tight closed. Leave the product to solidify. Take up mechanically

(sweeping, shovelling) and collect in suitable container for disposal. Clean

surface thoroughly to remove residual contamination.

Other information Dispose of materials or solid residues at an authorized site.

For further information refer to section 8: "Exposure controls/personal

protection". For disposal of residues refer to section 13: "Disposal

considerations".

7. SECTION 7: Handling and storage

Reference to other sections

7.1. Precautions for safe handling

6.4.

Precautions for safe handling Ensure good ventilation of the work station. Avoid contact with skin and eyes.

Avoid breathing fume, vapours. Wear personal protective equipment. Persons suffering from asthma or eczema and persons who have chronic lung diseases,

skin or respiratory allergies should not work with the material.

Hygiene measures Always observe good personal hygiene measures, such as washing after

handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Keep container tightly closed and in a well-ventilated place. Keep cool. Protect

from sunlight. Store away from incompatible materials (see Section 10 of the SDS). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Put into a labelled container and provide safe

disposal.

Incompatible materialsHeat sources. Incompatible with water, humid air.

Special rules on packaging Keep only in original container.

7.3. Specific end use(s) Lubricants, Greases and Release Products.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limits.

DNEL: Derived no effect level

No data available

Components	Туре	Route	Value	Form
Dilithium azelate (38900-29-	Worker	Dermal	13.5 mg/kg bw/day	Acute - systemic effects
7)		Dermal	13.5 mg/kg bodyweight/day	Long-term - systemic effects
		Dermal	0.172 mg/cm ²	Long-term - local effects
	Consumer	Dermal	13.5 mg/kg bodyweight	Acute - systemic effects
		Oral	27 mg/kg bodyweight	Acute - systemic effects
		Oral	13.5 mg/kg bodyweight/day	Long-term - systemic effects
		Dermal	13.5 mg/kg bodyweight/day	Long-term - systemic effects
		Dermal	0.023 mg/cm ²	Long-term - local effects
Condensation products of	Worker	Dermal	8.33 mg/kg bodyweight/day	Long-term - systemic effects
fatty acids, tall oil with 2-	Consumer	Oral	4.17 mg/kg bodyweight/day	Long-term - systemic effects

	amino-2-ethylpropanedi	ol	Dermal	4.17 mg/kg bodyweight/day	Long-term - systemic effects	
	PNEC: Predicted no e	ffect concentration				
	No data available Components	Туре	Route	Value	Form	
	Dilithium azelate (38900	0-29- Not applicable	Freshwater	0.023 mg/l		
	7)	7 25 Not applicable		0.002 mg/l		
				0.23 mg/l	Intermittent release	
8.2.	Exposure controls					
	Appropriate engineering controls Materials for protective clothing		Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level Personal protective equipment should be chosen according to the CEN standards			
	materials for protectiv	c clothing	and in discussion with the supplier of the protective equipment			
	Individual protection r	measures, such as pe	•	,		
	Eye protection		EN 166. Chem	ical goggles or safety glasses		
	Skin protection		5			
	Hand protection		Protective gloves. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove			
	Hanu protection		the stated app which deviate	lication. Special working conditions from the test conditions, can reduce	s, like heat or mechanical strain,	
	Material	Permeation	the stated app which deviate	lication. Special working conditions from the test conditions, can reduc nended glove	s, like heat or mechanical strain,	
	·	Permeation 6 (> 480 minutes)	the stated app which deviate by the recomn	lication. Special working conditions from the test conditions, can reduc nended glove	s, like heat or mechanical strain,	
	Material		the stated app which deviate by the recomm Thickness (ma	lication. Special working conditions from the test conditions, can reduct needed glove m) Comments EN ISO 374 Glove recommendation:	s, like heat or mechanical strain,	
	Material Nitrile rubber (NBR) In case of splash		the stated app which deviate by the recomm Thickness (ma	lication. Special working conditions from the test conditions, can reduct needed glove m) Comments EN ISO 374 Glove recommendation: Cama GmbH, source of seconds.	s, like heat or mechanical strain, the the protective effect provided Camatril Velours® 730 (Kächele-	
	Material Nitrile rubber (NBR)	6 (> 480 minutes)	the stated app which deviate by the recomn Thickness (m	lication. Special working conditions from the test conditions, can reduce the reduced glove m) Comments EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. EN ISO 374 Glove recommendation:	s, like heat or mechanical strain, the the protective effect provided Camatril Velours® 730 (Kächele-	
	Material Nitrile rubber (NBR) In case of splash contact: Nitrile rubber	6 (> 480 minutes) 6 (> 480 minutes)	the stated app which deviate by the recomn Thickness (m 0,4	lication. Special working conditions from the test conditions, can reduce mended glove m) Comments EN ISO 374 Glove recommendation: Cama GmbH, source of comparable product. EN ISO 374 Glove recommendation: Cama GmbH, source of some mendation: Cama GmbH, source of some mendation: Cama GmbH, source of some mendation:	camatril Velours® 730 (Kächele-supply see www.kcl.de) or	
	Material Nitrile rubber (NBR) In case of splash contact: Nitrile rubber (NBR) Other protective in Respiratory protection	6 (> 480 minutes) 6 (> 480 minutes) neasures	the stated app which deviate by the recomm Thickness (m) 0,4 0,4 No additional if engineering recommended countries when respirator must	lication. Special working conditions from the test conditions, can reduce mended glove m) Comments EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. Information available. controls do not maintain airborne of exposure limits (where applicable) are exposure limits have not been exit be worn. Type A - High-boiling (>)	camatril Velours® 730 (Kächelesupply see www.kcl.de) or Camatril Velours® 730 (Kächelesupply see www.kcl.de) or Camatril Velours® 730 (Kächelesupply see www.kcl.de) or oncentrations below or to an acceptable level (in stablished), an approved 65°C) organic compounds	
	Material Nitrile rubber (NBR) In case of splash contact: Nitrile rubber (NBR) Other protective in Respiratory protection	6 (> 480 minutes) 6 (> 480 minutes) neasures n	the stated app which deviate by the recomm Thickness (m) 0,4 0,4 No additional if engineering or recommended countries wher respirator must Wear suitable	lication. Special working conditions from the test conditions, can reduce the reduced glove m) Comments EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. information available. controls do not maintain airborne comparable product. exposure limits (where applicable) to exposure limits have not been	camatril Velours® 730 (Kächelesupply see www.kcl.de) or Camatril Velours® 730 (Kächelesupply see www.kcl.de) or Camatril Velours® 730 (Kächelesupply see www.kcl.de) or oncentrations below or to an acceptable level (in stablished), an approved 65 °C) organic compounds rotective clothing	
	Material Nitrile rubber (NBR) In case of splash contact: Nitrile rubber (NBR) Other protective in Respiratory protection	6 (> 480 minutes) 6 (> 480 minutes) neasures n	the stated app which deviate by the recomm Thickness (m) 0,4 0,4 No additional if engineering recommended countries wher respirator mus Wear suitable Wear appropris	lication. Special working conditions from the test conditions, can reduce mended glove m) Comments EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. EN ISO 374 Glove recommendation: Cama GmbH, source of a comparable product. Information available. controls do not maintain airborne of exposure limits (where applicable) are exposure limits have not been exit be worn. Type A - High-boiling (>)	camatril Velours® 730 (Kächelesupply see www.kcl.de) or Camatril Velours® 730 (Kächelesupply see www.kcl.de) or Camatril Velours® 730 (Kächelesupply see www.kcl.de) or oncentrations below or to an acceptable level (in stablished), an approved 65 °C) organic compounds rotective clothing	

9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Paste.
Colour	Beige.
Odour	Characteristics.
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	Not applicable
Boiling point	No data available
Flash point	Not applicable
Auto-ignition temperature	Not applicable

No data available **Decomposition temperature** Flammability (solid, gas) Non flammable. Vapour pressure < 0.001 hPa @ 20°C Relative vapour density at 20 °C No data available Relative density No data available Density 0.97 g/cm³ Solubility insoluble in water. Log Pow No data available Viscosity, kinematic Not applicable Viscosity, dynamic No data available **Explosive properties** Not explosive. **Oxidising properties** No data available **Explosive limits** No data available

9.2. Other information

VOC (EU) Not applicable

10. SECTION 10: Stability and reactivity

10.1. Reactivity The product is non-reactive under normal conditions of use, storage and

transport.

10.2. Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials No additional information available.

10.6. Hazardous decomposition products During fire, gases hazardous to health may be formed. Carbon oxides (CO,

CO2). Nitrogen oxides.

11. SECTION 11: Toxicological information

Method

(calculated

11.1. Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

oral

Exposure route

Mixture Name

Grease K-PAG

	value)						
Substance							
Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
Dilithium azelate (38900-29-7)	(OECD 420 method)	LD50	oral	> 300	mg/kg bw	rat	
Skin corrosion/irritation			Based on available	data, the cl	assification	criteria are not	met.

Value

> 2000

Unit

mg/kg

Species

Remarks

Skin corrosion/irritationBased on available data, the classification criteria are not met.Serious eye damage/irritationBased on available data, the classification criteria are not met.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Type

ATE

Germ cell mutagenicity

Based on available data, the classification criteria are not met
Carcinogenicity

Based on available data, the classification criteria are not met
Reproductive toxicity

Based on available data, the classification criteria are not met
STOT-single exposure

Based on available data, the classification criteria are not met
STOT-repeated exposure

Based on available data, the classification criteria are not met
Aspiration hazard

Based on available data, the classification criteria are not met

12. SECTION 12: Ecological information

12.1. Toxicity

Ecology - general The product is not classified as environmentally hazardous. However, this does

not exclude the possibility that large or frequent spills can have a harmful or

damaging effect on the environment.

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Grease K-PAG

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

12.6. Other adverse effects

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical

ozone creation potential, endocrine disruption, global warming potential) are

expected from this product.

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) Disposal must be done according to official regulations.

Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting

instructions.

Sewage disposal recommendations Disposal must be done according to official regulations. Avoid discharge into

drains, water courses or onto the ground. Do not pierce or burn, even after use.

Product/Packaging disposal

recommendations

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue,

follow label warnings even after container is emptied.

European List of Waste (LoW) code

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

15 01 10* packaging containing residues of or contaminated by

dangerous substances

19 08 10* grease and oil mixture from oil/water separation other than

those mentioned in 19 08 09

14. SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN Not regulated for transport

15. SECTION 15: Regulatory information

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

EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

Condensation products of fatty acids, tall oil with 2-amino-2-ethylpropanediol; N,N-bis(2-ethylhexyl)-5-methyl-1H-benzotriazol-1-methylamine, N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazol-1-methylamine, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-4-methyl-, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methanamine, N,N-bis(2-ethylhexyl)-6-methyl-(Mixture)

3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

N,N-bis(2-ethylhexyl)-5-methyl-1H-benzotriazol-1-methylamine, N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazol-1-methylamine, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-4-methyl-, 2H-Benzotriazol-2-methanamine, N,N-bis(2-ethylhexyl)-5-methyl-, 1H-Benzotriazol-1-methanamine, N,N-bis(2-ethylhexyl)-6-methyl-(Mixture)

3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

VOC (EU) Not applicable

Other information, restriction and prohibition regulations

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. Directive 94/33/EC on the protection of young people at work, as amended. For details, refer to section 3

and 8.

Seveso Information National regulations Not applicable

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. SECTION 16: Other information

Indication of changes

Section 1 - Section 16.

Abbreviations and acronyms

Abbreviations and acronyms			
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road		
AGW	Occupational exposure limit value		
ATE	Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)		
BAM	Federal Institute for Materials Research and Testing, Germany		
BAT Maximum permissible concentration of biological working substances.			
BCF	Bio-concentration factor.		
BLV	Biological limit values		
BLV	Biological limit values (BGW, Austria)		
BMGV	Biological Monitoring Guidance Value (EH40,UK).		
BOD5	Biochemical oxygen demand within 5 days		
BOD	Biochemical oxygen demand		
bw	Body weight.		
calcd.	Calculated		
CAS	Chemical Abstract Service.		
CEN	European Committee for Standardization		

CESIO European Committee on Organic Surfactants and their Intermediates.

COD Chemical oxygen demand

CLP Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification,

labeling and packaging of substances and mixtures.

CMR Carcinogenic, Mutagenic or Reproduction Toxic Substances

CSA Chemical safety assessment CSR Chemical Safety Report.

DMEL Derived Minimum Effect Level.

DNEL Derived no effect level

EAC European waste catalogue

EC European community

EC50 Effective concentration

EINECS European Inventory of Existing Commercial Chemical Substances.

ELINCS European List of Notified Chemical Substances.

EN European norm.

ERC (Environmental Release category)

EU European Union

GLP Good Laboratory Practice.

GHS Globally Harmonized System of Classification and Labeling of Chemicals.

GW/VL Occupational exposure limit value.

GW-kw/VL-cd Occupational exposure limit value - short term.

GW-M/VL-M Occupational exposure limit value - "Ceiling".

IATA International Air Transport Association

IBC code International Bulk Chemical (Code) (International Code for the Construction and Equipment of

Ships carrying Dangerous Chemicals in Bulk).

ICAO International Civil Aviation Organization

IC50 Inhibition Concentration 50%.

IECSC Inventory of Existing Chemical Substances in China.

IMDG International Maritime Dangerous Goods ISO International Standards Organization.

IUPAC International Union of Pure and Applied Chemistry

LC50 Lethal Concentration 50%.

LCLo Lowest published lethal concentration.

LD50 Lethal Dose 50%.

LOAEL Lowest Observed Adverse Effect Level LOEC Lowest observable effect concentration.

LOEL Lowest observable effect level.

LQ Limited quantities

TRK-Kzw Threshold limit value - Short-term exposure limit / Technical reference concentration - short-

time value, Austria.

MAK-Mow Maximum allowable workplace concentration – instantaneous value, Austria.

MAK-Tmw, TRK-Tmw Maximum allowable workplace concentration – daily mean value / Technical standard

concentration - daily mean value, Austria.

MAK Threshold limit values Germany.

MARPOL International Convention for the Prevention of Pollution from Ships.

NOAEC No-Observed Adverse Effect Concentration

NOAEL No-Observed Adverse Effect Level

NOEC No-Observed Effect Concentration

NOEL no-observed-effect level

OECD Organisation for Economic Co-operation and Development

OEL Occupational Exposure Limits

PBT Persistent Bioaccumulative Toxic

PC (Chemical product PC (Chemical product category)

category)

PNEC Predicted No-Effect Concentration
POCP Photochemical ozone creation potential.

POP Persistent Organic Pollutants
PPE Personal protective equipment

Process category Process category

REACH Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006

concerning Registration, Evaluation Authorization and Restriction of Chemicals).

RID Regulations concerning the International Carriage of Dangerous Goods by Rail

 SCL
 Specific concentration limit.

 STEL
 Short-term Exposure Limit

 STP
 Sewage treatment plant

SU (Sector of use) SU (Sector of use)

SVHC Substance of Very High Concern.

TLV Threshold Limit Value

TRGS Technical Rules for Hazardous Substances (German Standard).

TWA Time Weighted Average

UVCB Substances of Unknown or Variable composition, Complex reaction products or Biological

materials

VbF Ordinance on Flammable Liquids, Austria

VOC Volatile organic compounds

vPvB Very Persistent and Very Bioaccumulative

WEL-TWA Workplace Exposure Limit-Long term exposure limit (8-hour TWA(=time weighted

average)reference period).

WEL-STEL Workplace Exposure Limit-Short term exposure limit (15-minute reference period).

Data sources REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND

OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006...

Training advice Normal use of this product shall imply use in accordance with the instructions on

the packaging

Classification according to Regulation

(EC) No. 1272/2008

Skin Sens. 1 H317

Full text of H- and EUH-statements

Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4.

Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1.

Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2.

Skin Irrit. 2 Skin corrosion/irritation, Category 2.
Skin Sens. 1 Skin sensitisation, Category 1.
Skin Sens. 1B Skin sensitisation, category 1B.

H302 Harmful if swallowed..
H315 Causes skin irritation..

H317 May cause an allergic skin reaction..

H400 Very toxic to aquatic life..

H411 Toxic to aquatic life with long lasting effects..

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Skin Sens. 1 H317 Calculation method

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Attachment to the Safety Data Sheet



Product Name: Grease K-PAG

Ford Int. Ref. No.: 178006 REVISION DATE: 29.04.2020

Involved Products:

Finiscode Part number Container Size:

. 1 1 522 042 8U7J M1C246 AA 90 g