

Section 1: Identification of the substance/mixture and of the company				
1.1 Product Identifier				
Product form:	Substance, Grease			
Trade name:	Multi-Purpose Synthetic Grease with PTFE			
Synonyms:	None			
Catalog Number:	RF41 / TDF107			
Appearance:	Grease provided in a plastic container			
1.2 Relevant identified uses of the	e substance or mixture and uses ad	vised against		
Relevant identified uses:	Used to assist in creating a seal and as a lubricant			
Uses advised against:	None known			
1.3 Details of the supplier of the S	Safety Data Sheet			
Company Name:	ANKOM Technology			
Address:	2052 O'Neil Rd., Macedon, NY US	A 14502		
Email:	service@ankom.com			
1.4 Emergency telephone number	r			
(315) 986-3857 8am-5pm EST				
Section 2: Hazards Identifica	ation			
2.1 Classification of the substance	e or mixture			
Classification according to OSHA:		No classification		
Classification according to Regulation (EC) No. 1272/2008 [CLP]:		No classification		
Adverse physicochemical, human health and environmental effects:		The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.		
Classification system:		The classification is according to the latest editions of the EU-lists, and extended by company and literature data.		
		The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.		
Additional information:		Zero percent of the mixture consists of components of unknown toxicity.		
		There are no other hazards identified that are not otherwise classified.		
2.2 Label elements according to C	OSHA			
The product is not classified as haza	ardous according to OSHA GHS regul	ations within the United States.		
The product does not have a classif	ication according to the CLP regulati	ons.		
2.2.1 Label elements according to EC 1272/2008				
Hazard pictograms (CLP):	Not Regulated			
Signal word (CLP):	Not Regulated			
Hazard statements (CLP):	Not Regulated			
Precautionary statements (CLP):	Not Regulated			
2.3 Other hazards				
PBT:	Not applicable			
vPvB:	Not applicable			



Section 3: Composition / Information on Ingredients				
3.1 Substances				
Not applicable				
3.2 Mixtures				
Description:	Mixture of substances listed below with nonhazardous additions			
Dangerous compo	nents: None in reportable quantities			
Additional informa	tion: For the wording of the listed risk phrases refer to section 16.			
	For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.			
Section 4: First	Aid Measures			
-	of first aid measures			
General:	No special measures are required.			
Inhalation:	If breathing is difficult, remove to fresh air and keep in a position comfortable for breathing. Consult doctor in case of complaints.			
Skin Contact:	Immediately wash with soap and water and rinse thoroughly. Consult doctor if skin irritation is experienced.			
Eye Contact:	Remove contact lenses. Flush eyes with generous amounts of water. Get medical advice/attention if irritation persists.			
Ingestion:	Rinse mouth. Drink generous amounts of water. Do not induce vomiting; immediately call for medical help.			
	ant symptoms and effects, both acute and delayed			
Ingestion:	May cause gastro-intestinal irritation			
Skin Contact:	May cause acne.			
Hazards:	No further relevant information is available.			
	any immediate medical attention and special treatment needed			
	t information is available.			
	Fighting Measures			
5.1 Extinguishing	media			
-	ing methods suitable to surrounding conditions.			
For safety reasons,	an unsuitable extinguishing agent is water with full jet.			
5.2 Special hazard	ds arising from the substance or mixture			
Formation of toxic	gases is possible during heating or in the case of fire.			
5.3 Advice for fire	efighters			
Protective equipme	ent: Wear a self-contained respiratory protective device. Wear a fully protective suit.			
Additional informa	tion: No further relevant information is available.			
Section 6: Acci	dental Release Measures			
6.1 Personal prec	autions, protective equipment and emergency procedures			
Ensure adequate v	entilation.			
Danger of slipping	on leaked or spilled product.			
6.2 Environmenta	al precautions			
Do not allow to enter sewers, surface or ground water.				
6.3 Methods and	6.3 Methods and material for containment and cleaning up			
Absorb with liquid-	binding material (sand, diatomite, acid binders, universal binders, sawdust).			
Pick up mechanically.				
Dispose of contaminated material as waste according to section 13.				
6.4 Reference to	other sections			
See section 7 for information about safe handling.				
See section 8 for in	See section 8 for information about personal protective equipment.			
See section 13 for	information about disposal.			



Section 7: Handling and Storage					
7.1 Precautions for safe hand					
	-				
Store away from oxidizing agents.					
No special measures required f					
7.2 Conditions for safe storag	e, including any incompatibi	lities			
Requirements to be met by sto	Requirements to be met by storerooms and receptacles: Avoid storage near extreme heat, ignition sources or open flame.				
Information about storage in o	ne common storage facility:	Do not store together with oxidizing and acidic materials.			
Further information about storage conditions:		None			
7.3 Specific end use(s)					
No further relevant information	n is available.				
Section 8: Exposure Con	trols / Personal Protect	ion			
8.1 Control parameters					
	ny relevant quantities of ma	erials with critical values that have to be monito	red at the workplace.		
	further relevant information				
Additional information: The	lists valid during the making	were used as basis.			
8.2 Exposure controls					
General protective and hygieni	c The usual precautionary	measures are to be adhered to when handling c	hemicals.		
measures:	Avoid contact with the	eyes and skin.			
Respiratory protection:	Not required under nor	nal conditions of use.			
Hand/Skin protection:		under normal conditions of use.			
hand/skii protection.		to handle contents of damaged or leaking units.			
			a substance and the properties		
	-	be impermeable and resistant to the product, th aterial should be made based on consideration o dation.			
	Glove Material: The sele	ction of the suitable gloves does not only dependent	d on the material, but also on		
	further marks of quality	and varies with manufacturer. As the product is	a preparation of several		
	substances, the resistan checked prior to the ap	ce of the glove material cannot be calculated in a lication.	advance and is therefore to be		
	<u>Penetration time of glov</u> of the protective gloves	e material: The exact break through time has to and has to observed.	be found out by the manufacturer		
Eye/Face protection:	Wear safety glasses whe	en handling this product.			
Body protection:	None required under no	rmal conditions of use.			
Risk management measures:	None				
-		sion of exposure into the environment.			
Section 9: Physical and C	•				
9.1 Information on basic phys	ical and chemical properties				
Appearance, Color:	Translucent	Odor:	Mild		
Physical state:	Semi-solid	pH-value:	Not determined		
Vapor Pressure:	Not determined	Density at 20°C (68°F):	0.89 g/cm ³ (7,427 lbs/gal)		
Boiling point:	Not determined	Melting point:	Not determined		
Flash point:	>220°C (>428°F)	Flammability (solid, gas):	Not applicable		
Explosion danger:	None Not determined	Self-ignition temperature:	Not determined		
Decomposition temperature:	Not determined	Spec. Gravity / Relative Density:	Not determined		
Evaporation Rate:	Not determined	Vapor density	Not determined		
Odor Threshold: Partition Coefficient:	Not determined	Solubility - Water:	Not miscible or difficult to mix		
Fartition Coefficient:	Not determined	Viscosity: Oxidizing properties:	Not determined		

Explosive limits:

Not determined

Oxidizing properties:

Non-oxidizing



9.2 Other information				
No additional information available				
Section 10: Stability and Reactivity				
10.1 Reactivity				
No relevant information is available.				
10.2 Chemical stability				
The substance is chemically stable. No decomposition	on will occur if used and stored according to specifications.			
10.3 Possibility of hazardous reactions				
This substance reacts with strong acids and oxidizing	g agents.			
10.4 Conditions to avoid				
Avoid acids and excessive heat.				
10.5 Incompatible materials				
No relevant information is available.				
10.6 Hazardous decomposition products				
Carbon monoxide and carbon dioxide				
Section 11: Toxicological Information				
11.1 Information on toxicological effects				
Acute toxicity:	No relevant information is available.			
LD/LC50 values relevant for classification:	None			
Skin corrosion/irritation:	No irritant effect			
Eye damage/irritation:	No irritant effect			
Sensitization:	No known sensitizing effects			
Sub-acute to chronic toxicity:	No relevant information is available.			
Additional toxicological information:	The product is not subject to classification according to the calculation method of the			
	General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any			
	harmful effects based on our experience and the information provided to us.			
	May cause acne.			
Repeated dose toxicity:	No relevant information is available.			
CMR effects (carcinogenity, mutagenicity, and	See section 15.			
toxicity for reproduction):				
Section 12: Ecological Information				
12.1 Toxicity				
No known aquatic toxicity.				
12.2 Persistence and degradability				
	The product is partially biodegradable. Significant residuals remain.			
12.3 Bioaccumulative potential				
No relevant information is available.				
12.4 Mobility in soil				
No relevant information is available.				
Do not allow undiluted or large quantities of the product to reach ground water, water course, or sewage system. Avoid transfer into the environment.				
12.5 Results of PBT and vPvB assessment				
No relevant information is available.				
12.6 Other adverse effects				
No relevant information is available.				



TECHNOLOGY	, ,			
Section 13: Disposal Considerations				
13.1 Waste treatment methods				
Waste from residues / unused products:	Small quantities can be disposed of with household waste.			
	Product can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.			
	The user of this material has the responsibility to dispose of unused material, residues, and containers in compliance with all relevant local, state, and federal laws and regulations regarding treatment, storage, and disposal for hazardous and nonhazardous wastes.			
Packaging:	Disposal must be made according to official regulations.			
Section 14: Transport Informatio	n (in accordance with ADR / RID / ADNR / IMDG / ICAO / IATA / DOT)			
14.1 UN number				
Not regulated				
14.2 UN proper shipping name				
Not regulated				
14.3 Transportation hazard classes				
Not regulated				
14.4 Packing group				
Not regulated				
14.5 Environmental hazards				
None				
14.6 Special precautions for user				
No special precautions				
14.7 Transport in bulk according to Anne	x II of MARPOL 73/78 and the IBC Code			

Not applicable

Section 15: Regulatory Information

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

United States (federal and state)

SARA: This product is NOT classified as an extremely hazardous substance under Section 355 and is NOT a toxic chemical subject to the requirements of Section 313.

TSCA (Toxic Substances Control Act): All ingredients are listed.

California Proposition 65:

Chemicals known to cause cancer: None of the ingredients are listed. Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed. Chemicals known to cause development toxicity: None of the ingredients are listed.

Carcinogenic Categories:

EPA (Environmental Protection Agency): None of the ingredients are listed. IARC (International Agency for Research on Cancer): 9002-84-0 Polytetrafluoroethylene 3 TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.

Other regulations, limitations, and prohibitive regulations:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

Substances of very high concern (SVHC) according to REACH, Article 57:

None of the ingredients are listed.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.



Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbrevations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Sources:

SDS prepared by: ANKOM Technology 2052 O'Neil Rd. Macedon, NY USA 14502 Phone: 1-315-986-8090

Website: www.ANKOM.com