

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

1.1	Product Identifier	
	Product name	POWEROIL CUT NS 1032
	Product description	Neat Cutting Oil
	Product type	Liquid
1.2	ldentified uses	
	Distribution of substance	Industrial
	Formulation & (re)packing of substances and mixtures	Industrial
	Manufacture of substance	Industrial Industrial
	Functional Fluids	Industrial
1.3	Details of the supplier of the safet	y data sheet
	Supplier/Manufacturer	APAR Industries Limited
		18 T.T.C., M.I.D.C. Industrial Area , Thane Belapur Road , Rabale, Navi Mumbai – 400701. India.
		+91 22 61110444 (Office hours 9.30am to 17.00pm)
		www.apar.com
	e- mail address of person	hse@apar.com
	responsible for this SDS	
1.4	Emergency telephone number	+91 9833811132

### SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Product definition Mixture <u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> Asp. Tox. 1, H304

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

#### 2.2 Label elements

Hazard pictograms



Danger H 304 : May be fatal if swallowed and enters airways. H412 - Harmful to aquatic life with long lasting effects.

Signal word Hazard statements Precautionary statements Prevention Response Storage Disposal	Not applicable P273 - Avoid release to the environment. P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. P405 - Store locked up. P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations. Not applicable
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles <b>2.3 Other hazards</b> Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	Not applicable Not applicable



Safety Data Sheet Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830.

SECTION 3 COMPOSTION/ INFORMATION ON INGREDIENTS				
3.2 Mixtures	Mixture			
Product/Ingredient name	Identifiers	%	Classification Regulation (EC) No. 1272/2008 [CLP]	Туре
Solvent Dewaxed Light Paraffinic.	CAS: 64742-65-0	95	Asp. Tox. 1, H304	[1]
Additive	Proprietary	5	Eye Dam. 1, H318 Aquatic Chronic 2, H411 Skin Irrit. 2, H315	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section. <u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

**SECTION 4 FIRST AID MEASURES** 



#### 4.1 Description of first aid measures

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation, blurred vision or swelling occurs and persists, obtain medical advice from a specialist. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If
Inhalation	casualty is unconscious and: If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.
Skin contact	Wash with soap and water. Remove contaminated clothing and shoes. Handle with care and dispose of in a safe manner. Seek medical attention if skin irritation, swelling or redness develops and persists. Accidental high pressure injection through the skin requires immediate medical attention. Do not wait for symptoms to develop.
Ingestion	Always assume that aspiration has occurred. Do not induce vomiting. Can enter lungs and cause damage. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Seek professional medical attention or send the casualty to a hospital. Do not wait for symptoms to develop. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Before attempting to rescue casualties, isolate area from all potential sources of ignition including disconnecting electrical supply. Ensure adequate ventilation and check that a safe, breathable atmosphere is present before entry into confined spaces.

4.2 Most important symptoms and effects, both acute and delayed				
Potential acute health effects				
Eye contact	Eye contact may cause redness and transient pain.			
Inhalation	Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.			
Skin contact	No known significant effects or critical hazards.			
Ingestion	May be fatal if swallowed and enters airways.			
4.3 Indication of any immed	iate medical attention and special treatment needed			
Notes to physician	Due to low viscosity there is a risk of aspiration if the product enters the lungs. Treat symptomatically.			
Specific treatments	Always assume that aspiration has occurred.			

SECTION 5 FIRE FIGHTING MEASURES		
5.1 Extinguishing media	Dry chemicals. Foam. Carbon dioxide (CO <sub>2</sub> ). Water spray or foam.	
Suitable extinguishing media Unsuitable extinguishing media	Do not use direct water jets on the burning product; they could cause splattering and spread the fire.	
	Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.	
5.2 Special hazards arising from the s	substance or mixture	
Hazards from the substance	In a fire or if heated, a pressure increase will occur and the container may burst.	
or mixture	This substance will float and can be reignited on surface water.	
Hazardous thermal	Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates,	
decomposition products	gases, including carbon monoxide, H2S, SOx (sulfur oxides) or sulfuric acid and unidentified organic and inorganic compounds.	
5.3 Advice for firefighters		
Special precautions for firefighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of	
	protection for chemical incidents.	

### SECTION 6 ACCIDENTAL RELEASE MEASURES





<ul> <li>Initiations to be taken.</li> <li>Small spillages: normal antistatic working clothes are usually adequate.</li> <li>Large spillages: full body suit of chemically resistant and thermal resistant material should be used. We gloves providing adequate chemical resistance, specifically to aromatic hydrocarbons.</li> <li>Note : gloves made of PVA are not water-resistant, and are not suitable for emergency use. Safety helm antistatic non-kid safety shoes or boots. Goggles and /or face shield, if splashes or contact with eyes possible or anticipated.</li> <li>Respiratory protection: A half or full-face respirator with filter(s) for organic vapors (and when applicat for H23) a Self-Contained Breathing Apparatus (SCBA) can be used according to the extent of spill a predictable amount of exposure. If the situation cannot be completely assessed, or if an oxygen deficien is possible, only SCBA's should be used.</li> <li>Prevent product from entering gevers, rivers or other bodies of water. If necessary dike the product w dry earth, sand or similar non-combustible materials. In case of soil contamination, remove contaminatias oil and treat in accordance with local regulations.</li> <li>If possible, large spillages in open waters should be contained with floating barriers or other equipment. Collect spilled product by absorbing with specific floating absorbents.</li> <li>If possible, large spillages in open waters should be advised by an expert, and, if require approved by local authorities.</li> <li>Stop leak if without risk. Absorb spilled product with suitable non-combustible materials. Large spillages may be cautiously covered with foam, far vailable, to limit vapor cloud formation. Do r use water jet. When inside buildings or confined space, snure adequate ventilation. Transfer collect product and other contaminated materials to suitable containers for recovery or safe disposal.</li> <li>See Section 1 for additional waste treatment information.</li> <li>See Section 1 f</li></ul>	(1D	Commission Regulation (EU) 2015/650.
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	including any incompatibilities	

Some synthetic materials may be unsuitable for containers or container linings depending on the material



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specification and intended use. Compatibility should be checked with the manufacturer. Keep only in the original container or in a suitable container for this kind of product. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Empty containers may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards. Store locked up. Protect from sunlight. Not available Not available

### 7.3 Specific end use(s)

Recommendations

Industrial sector specific solutions

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s). 8.1 Control parameters

## Occupational exposure limits

Occupational exposure limits			
Product/Ingredient name		Exposure limits values	
Distillate (petroleum), hydro treated Heavy & Light		AFS 2015:7 (Sweden, 12/2015).	
Paraffinic,		TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume	
		STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume	
Oil mist		[Air contaminant]	
		AFS 2015:7 (Sweden, 12/2015).	
		TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume	
		STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume	
Recommended monitoring procedures		t contains ingredients with exposure limits, personal, workplace atmosphere or biological	
	•	ay be required to determine the effectiveness of the ventilation or other control measures	
		ecessity to use respiratory protective equipment. Reference should be made to monitoring	
	standards, suc	ch as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the	
	assessment of	exposure by inhalation to chemical agents for comparison with limit values and measurement	
	strategy) Euro	pean Standard EN 14042 (Workplace	
	atmospheres -	Guide for the application and use of procedures for the assessment of exposure to chemical	
	and biologica	l agents) European Standard EN 482 (Workplace atmospheres - General requirements for the	
	performance	of procedures for the measurement of chemical agents) Reference to national guidance	
	documents for	r methods for the determination of hazardous substances will also be required.	
8.2 Exposure Control	Mechanical ventilation and local exhaust will reduce exposure via the air. Use oil resistant material in construction of handling equipment. Store under recommended conditions and if heated, temperature		
Appropriate engineering			
Controls	control equip	nent should be used to avoid overheating.	
Controis			
	Wash hands,	forearms and face thoroughly after handling chemical products,	
Individual protection measures	before eating,	, smoking and using the lavatory and at the end of the working period. Ensure that eyewash	
Hygiene measures stations and s		afety showers are close to the workstation location. Wash contaminated clothing before reuse.	
	Recommende	d: Safety glasses with side shields.	
Eye/face protection			
Skin protection	4 - 8 hours (b	reakthrough time): nitrile rubber	
Hand protection		ive clothing if there is a risk of skin contact. Change contaminated clothes at the end of	
Body protection	working shift.		
	Appropriate f	ootwear and any additional skin protection measures should be selected based on the task	
Other skin protection		ned and the risks involved and should be approved by a specialist before handling this	
	product.		
		ection must be based on known or anticipated exposure levels, the hazards of the product and	
Respiratory protection	-	ng limits of the selected respirator. Use a properly fitted, particulate filter respirator complying	
		ved standard if a risk assessment indicates this is necessary.	
		n ventilation or work process equipment should be checked to ensure they comply with the	
		of environmental protection legislation. In some cases, fume scrubbers, filters or engineering	
Environmental exposure controls		to the process equipment will be necessary to reduce emissions to acceptable levels.	
SECTION 9 PHYSICAL AND CHE	MICAL PROP	TEKTIES	



Appearance	Clear
Physical state	Liquid
Color	Pale Yellow
Odor	Petroleum odor
Odour threshold	Not available
рН	Not applicable
Melting point/Pour point	< -5°C (ASTM D-97)
Flash point	> 180°C ,COC (ASTM D 92)
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Flammability limits in air,	Not available
lower, % by volume	
Flammability limits in air,	Not available
upper, % by volume	
Vapour pressure	≤ 0,1 hPa (20 °C) (Mineral oil, ASTM D 5191) (CONCAWE, 2010
Density	0.87 max at 15°C
Solubility(ies)	
Solubility (water)	Insoluble in water
Partition coefficient	Not available
(n-octanol/water)	
Decomposition temperature	No Data
Auto-ignition temperature	> 300°C
Viscosity, Kinematic at 40°C (104°F)	32 mm²/s (40 °C) (ASTM D 445)
Explosive properties	No Data
Oxidising properties	No Data
DMSO extractable compounds for base oil	Not available
substance(s) according to IP346	Not available

#### SECTION 10 STABILITY AND REACTIVITY **10.1 Reactivity** No specific test data related to reactivity available for this product or its ingredients. Stable under normal conditions 10.2 Chemical stability Under normal conditions of storage and use, hazardous reactions will not occur. 10.3 Possibility of hazardous Oxidizing agent. **Reactions** Keep away from extreme heat and oxidizing agents. 10.4 Conditions to avoid Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, 10.5 Incompatible materials gases, including carbon monoxide, H2S, SOx (sulfur oxides) or sulfuric acid and unidentified organic and inorganic compounds. 10.6 Hazardous decomposition products

### SECTION 11 TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Distillate (petroleum),hydrotreated Heavy / light paraffinic oil	LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral	Rat Rabbit Rat	>2.18 mg/l >5000 mg/kg >15000 mg/kg	4 hours - -
Irritation/Corrosion			· ·	
Skin	No known significant effects or critical ha	azards.		
Еуе	No known significant effects or critical ha	azards.		
Respiratory	No known significant effects or critical ha	azards.		
<u>Sensitisation</u>				
Skin	No known significant effects or critical ha	azards.		
Respiratory	No known significant effects or critical ha	azards.		

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No data available to indicate product or any components present at greater than 0.1% are mutagenic or

**Mutagenicity** 

	genotoxic.			
SECTION 11 TOXICOLOGICAL INFORMATION				
Carcinogenicity	The base oil(s) in this product is based on an severely hydrotreated distillate. The product should not be			
	regarded as a carcinogen.			
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction.			
Specific target organ toxicity	Not classified			
- single exposure				
Specific target organ toxicity	Not classified			
- repeated exposure				
Aspiration hazard	Aspiration hazard - Category 1			
Information on likely routes of exposure	Not available.			
Potential acute health effects				
Eye contact	Eye contact may cause redness and transient pain.			
Inhalation	Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.			
Skin contact	No known significant effects or critical hazards.			
Ingestion	May be fatal if swallowed and enters airways.			
Potential chronic health effects				
General	No known significant effects or critical hazards.			
Carcinogenicity	The base oil(s) in this product is based on an severely hydrotreated distillate. The product should not be			
	regarded as a carcinogen.			
Mutagenicity	No known significant effects or critical hazards.			
Teratogenicity	No known significant effects or critical hazards.			
Product/ingredient name	No known significant effects or critical hazards.			
Fertility effects	No known significant effects or critical hazards.			
Other information	Not available.			
Specific hazard				
SECTION 12 ECOLOGICAL INFOR	MATION			
12.1 Toxicity	Not expected to be harmful to aquatic organisms.			
12.2 Persistence and degradability	Not inherently biodegradable.			
12.3 Bioaccumulative potential	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.			
12.4 Mobility in soil	Not considered mobile.			
12.5 Results of PBT & vPvB	Not applicable.			

Insoluble in water. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

### SECTION 13 DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

Assessment 12.6 Other adverse effects

<u>Product</u>	
Methods of disposal	Where possible (e.g. in the absence of relevant contamination), recycling of used substance is feasible and
	recommended. This substance can be burned or incinerated, subject to national/local authorizations,
	relevant contamination limits, safety regulations and air quality legislation. Contaminated or waste substance
	(not directly recyclable): Disposal can be carried out directly, or by delivery to qualified waste handlers.
	National legislation may identify a specific organization, and/or prescribe composition limits and methods
	for recovery or disposal.
Hazardous waste	Yes
SECTION 13 DISPOSAL CO	

SECTION 13 DISPOSAL CONSIDERATIONS	
European waste catalogue (EWC)	
Waste code Waste designation	



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Packaging

Methods of disposal

mineral-based non-chlorinated insulating and heat transmission oils

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

## International transport regulations

**SECTION 14 TRANSPORT INFORMATION** 

	ADR/ RID	ADN	IMO/IMDG Classification	ICAO/IATA Classification
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No	No	No	No
Additional information	-	-	-	-
14.6 Special precautions for Transport within user's premises: always transport in closed containers that are upright and secure. Ensure				

that persons transporting the product know what to do in the event of an accident or spillage.

14.6 Special precautions for User

14.7 Transport in bulk

according to Annex I of MARPOL

73/78 and the IBC Code

## SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture			
EU Regulation (EC) No. 1907/2006 (REACH)			
Annex XIV - List of substances subject to authorization			
Annex XIV	None of the components are listed.		
Substances of very high concern	None of the components are listed.		
Annex XVII - Restrictions on the	Not applicable.		
manufacture, placing on the market and			
use of certain dangerous substances,			
mixtures and articles			
Other EU regulations			
<u>Seveso D</u>	This product is not controlled under the Seveso Directive.		
International Lists	Inventory name	On inventory (yes/no)*	
National Inventory			
Australia	Australian Inventory of Chemical Substances (AICS)	Yes	
Canada	Domestic Substances List (DSL)	Yes	

Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all components o	f this product comply with the inventory requirements administered by the governing country(s)	
A "No" indicates that one or more comp	onents of the product are not listed or exempt from listing on the inventory administered by the governing	

country(s).

15.2 Chemical Safety Assessment





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### **SECTION 16 OTHER INFORMATION**

Revision comments	Not available.	
Legend to abbreviations		
ADR	European agreement concerning the international carriage of dangerous good by road.	
RID	Regulations agreement concerning the international carriage of dangerous good by rail.	
IMDG – CODE	International maritime dangerous goods code.	
ICAO	International Civil Aviation Organization.	
IATA	International air transport association.	
GHS	Globally Harmonized System of Classification and Labeling of Chemicals.	
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008].	
SCBA	Self-Contained Breathing Apparatus.	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC)	
	No. 1907/2006].	
LC 50	Median lethal concentration.	
LD 50	Median lethal dose.	
PBT	Persistent, Bioaccumulative and Toxic.	

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification		Justification
Asp. Tox. 1, H304		Calculation method
Full text of abbreviated H statements	H304 May be fatal if swallov	red and enters airways.
Full text of classifications [CLP/GHS]	Asp. Tox. 1, H304 ASPIRA	TION HAZARD - Category 1.
Date of issue/Date of revision	1 <sup>st</sup> October 2020.	
Date of previous issue	January 2019	
Version	02	
Disclaimer		

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.