

Date of issue: 11.05.2017 Replaces Data Sheet of:
 "" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



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

- 1.1 **Product identifier**
Trade Name: r.s.p. Go Flow
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses: lubricant assistants
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
 Kora Handelsgesellschaft mbH, Olympiastraße 5, A- 4432 Ernsthofen
 Telephone: +43 7435 810 10, Telefax: +43 7435 810 10-40, E-Mail: verkauf@rsp.at
- 1.3.2 **Responsible for the data sheet:**
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning
 Telephone: +43 7435 810 10 (8:30 – 16:30) Telephone: +44 870 600 6266

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
Classification and labelling according to Directive 1272/2008/EC:
 Eye Irrit. 2; H319
- 2.2 **Label elements**
 Classification according to 1272/2008/EC: Yes.
 Applicable Exemptions: No.
 Signal word(s): Warning
 Component(s):

H - Phrases:
 H319: Causes serious eye irritation.

P - Phrases:
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.

 Additional Markings:
 None.

 The above mentioned labelling is valid for distribution to industrial user.
- 2.3 **Other hazards**
 This mixture contains no substances which are assessed to be PBT or vPvB.

Hazard pictogram(s):



SECTION 3: Composition/information on ingredients

- 3.1 **Substances**
 n.ap.
 - 3.2 **Mixtures**
Chemical Characterisation:
 Mixture mineral oil based
Dangerous Ingredients:
- | Material | Index - No. | EC - No. | REACH - No. | m% - range |
|----------------------------------------------------------------------------------------------------------|-------------|-----------|-----------------------|---------------|
| CAS - No. | | | | |
| Hazard Code(s) / H - phrases | | | | |
| Phosphorodithionsäure, gemischte O,O-Bis(2-ethylhexyl und Isobutyl und Isopropyl)ester, Zinksalze | | | | 1 - 3% |
| 85940-28-9 | n.av. | 288-917-4 | 01-2119521201-61-xxxx | |
| Skin Irrit. 2; H315 / Eye Dam. 1; H318 / Aquatic Chronic 2; H411 | | | | |

Text of H - phrases: see section 16
 m% - range: x - y ≙ x ≥ - < y

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SECTION 4: First aid measures

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation:**
Move to fresh air in case of accidental inhalation of vapours or decomposition products.
If symptoms persist, call a physician.
- 4.1.2 **Skin Contact:**
Wash off immediately with plenty of water. Consult a physician if necessary.
- 4.1.3 **Eye Contact:**
Rinse immediately with plenty of water, also under the eyelids. Call a physician immediately.
- 4.1.4 **Ingestion:**
Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water.
If symptoms persist, call a physician.
- 4.2 **Most important symptoms and effects, both acute and delayed**
n.av.
- 4.3 **Indication of any immediate medical attention and special treatment needed**
Treat symptomatically.

SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**
Use dry chemical, CO₂, water spray or "alcohol" foam..
- 5.1.2 **Extinguishing Media to Avoid:**
None.
- 5.2 **Special hazards arising from the substance or mixture**
In the event of fire the following can be released: Carbon oxides.
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information:**
None.

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Contaminated surfaces will be extremely slippery. Ensure adequate ventilation, especially in confined areas.
- 6.2 **Environmental precautions**
Prevent product from entering drains.
Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- 6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Do not breathe vapours or spray mist.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
No special precautions required.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
Keep container tightly closed in a dry and well-ventilated place.
- 7.2.2 **Store away from:**
Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**
None.
- 7.3 **Specific end use(s)**
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Material	Limit Value

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice.

8.2.2 Individual protection measures**8.2.2a Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment.

8.2.2b Hand Protection: Protective gloves complying with EN 374. butyl-rubber Break through time > 8h.
The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c Eye Protection: safety glasses**8.2.2d Skin Protection:** protective suit**8.2.2e Further Information:** Observe wearing time limits:**8.2.3 Environmental exposure controls:**

n.av.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

9.1.1 Form: solid	Colour: brown	Odour: characteristic
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Odour threshold: n.av.

9.1.2 pH-value, undiluted:	n.ap.
pH-value, 1% aqueous solution:	n.ap.
9.1.3 Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): n.av.
9.1.4 Flash point (°C):	n.ap., closed cup
9.1.5 Flammability (EEC A10/A13):	No.
9.1.6 Ignition temperature (°C):	n.av.
9.1.7 Autoflammability (EEC A16):	None.
9.1.8 Oxidising properties:	None.
9.1.9 Explosion hazard:	No.
9.1.10 Explosion limits (Vol.%) lower:	n.av., upper: n.av.
9.1.11 Vapour pressure:	n.av.
Vapour density (Air = 1):	n.av.
9.1.12 Density (g/ml):	0,9
9.1.13 Solubility (in Water):	insoluble
9.1.14 Partition coefficient, n-Octanol / Water:	n.av.
9.1.15 Viscosity:	n.av.
9.1.16 Solvent content (m %):	Not relevant
9.1.17 Thermal decomposition (°C):	n.av.
9.1.18 Evaporation rate:	n.av.

9.2 Other information

n.av.

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SECTION 10: Stability and reactivity

- 10.1 **Reactivity**
None.
- 10.2 **Chemical stability**
Stable under normal conditions.
- 10.3 **Possibility of hazardous reactions**
No dangerous reaction known under conditions of normal use.
- 10.4 **Conditions to avoid**
No conditions to be specially mentioned.
- 10.5 **Incompatible materials**
Incompatible with oxidizing agents.
- 10.6 **Hazardous decomposition products**
No decomposition if used as directed. To avoid thermal decomposition, do not overheat.

SECTION 11: Toxicological information

- 11.1 **Information on toxicological effects**
Acute Health Effects:
- | | |
|------------------------------------|--------------------------------|
| Inhalation: | n.av. |
| Ingestion: | n.av. |
| Skin Contact: | n.av. |
| Skin corrosion / irritation: | n.av. |
| Serious eye damage / irritation: | Causes serious eye irritation. |
| Respiratory or skin sensitisation: | n.av. |
| Germ cell mutagenicity: | n.av. |
| Carcinogenicity: | n.av. |
| Reproductive toxicity: | n.av. |
| STOT-single exposure: | n.av. |
| STOT-repeated exposure: | n.av. |
| Aspiration hazard: | n.av. |
- 11.1.1 – **Practical Experience**
- 11.1.11 n.av.
- 11.1.12 **Practical Experience**
Observations relevant for classification:
None.
Further Observations:
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

- 12.1 **Toxicity**
We have no quantitative data concerning the ecological effects of this product.
- 12.2 **Persistence and degradability**
No data is available on the product itself.
- 12.3 **Bioaccumulative potential**
May cause long-term adverse effects in the aquatic environment.
- 12.4 **Mobility in soil**
n.av.
- 12.5 **Results of PBT and vPvB assessment**
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 **Other adverse effects**
- | | |
|--------------------------------|-------|
| 12.6.1 COD-Value, mg/g: | n.av. |
| 12.6.2 BOD5-Value, mg/g: | n.av. |
| 12.6.3 AOX-Remarks: | n.ap. |
| 12.6.4 Significant Components: | None. |
| 12.6.5 Other adverse effects: | None. |

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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 12 01 12*

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

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Offer rinsed packaging material to local recycling facilities.

13.2.2 Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

SECTION 14: Transport information

	ADR Not classified as dangerous in the meaning of transport regulations.	IMDG Not classified as dangerous in the meaning of transport regulations.	IATA Not classified as dangerous in the meaning of transport regulations.
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		
		None.	

SECTION 15: Regulatory information15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**

n.av.

15.2 **Chemical safety assessment :**

n.ap.

SECTION 16: Other information**Text of H phases mentioned in Section 3**

H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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