

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **IP-VC™**

Version: 3

Date: 2023.01.18

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

### 1.1 Product identifier

Trade name **IP-VC™**  
CAS number 183476-82-6

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

**Recommended Use** SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
SU21 Consumer uses: Private households/general public/consumers  
SU22 Professional uses

**Uses advised against** Not determined  
**Product category** Not determined  
**Process category** Not determined

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier**  
CORUM INC.  
6FL., No.360, Ruei Guang Rd.,  
Neihu Dist., Taipei 114729, Taiwan  
**Further information obtainable from**  
[marketing.support@corum.com.tw](mailto:marketing.support@corum.com.tw)

### 1.4 Emergency telephone number

**Company phone number** CORUM Tel. 886-2-8751-6060  
Fax. 886-2-8751-6363

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**  
This substance is not classified according to the CLP regulation

### 2.2 Label elements

**Label according to Regulation (EC) No 1272/2008**  
Not applicable

### 2.3 Other hazards

**Results of PBT and vPvB assessment**  
Not applicable

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **IP-VC™**

Version: 3

Date: 2023.01.18

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Chemical characterization:** Substance

3.2 **Composition/information on ingredients**

Chemical Name	CAS No.	EC No.
Tetrahexyldecyl Ascorbate	183476-82-6	430-110-8

## SECTION 4: FIRST AID MEASURES

4.1 **Description of first aid measures**

<b>General information</b>	Remove contaminated clothing. Seek medical treatment.
<b>After inhalation</b>	Supply fresh air. Consult a doctor in case of complaints.
<b>After skin contact</b>	Immediately wash with soap and copious amounts of water If symptoms develop, seek medical attention.
<b>After eye contact</b>	Rinse opened eyes for 15 minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing</b>	Rinse mouth with water Call a doctor immediately.

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

<b>Symptoms</b>	No further relevant information available
-----------------	---

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

<b>Note to physicians</b>	No further relevant information available
---------------------------	---

## SECTION 5: FIRE-FIGHTING MEASURES

5.1 **Extinguishing media**

**Suitable extinguishing media**

Use fire extinguishing methods suitable to surrounding conditions.

**Unsuitable extinguishing media**

Not determined

5.2 **Special hazards arising from the substance or mixture**

No further relevant information available

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **IP-VC™**

Version: 3

Date: 2023.01.18

**5.3 Advice for firefighters**

Wear protective clothing and glasses.  
Wear self-contained breathing apparatus with facepiece.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**
**6.1 Personal precautions, protective equipment and emergency procedures**

May have particular danger of slipping on leaked/spilled product.  
Avoid contact with skin, eyes and clothes.

**6.2 Environmental precautions**

Do not allow product to reach sewage system or any water course.

**6.3 Methods and material for containment and cleaning up**

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Sweep up, place in a bag and hold for waste disposal.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: HANDLING AND STORAGE**
**7.1 Precaution for safe handling**

<b>Advice on safe handling</b>	No special precautions are necessary if used correctly. Avoid free fall and splashing. Prevent the risk of slipping.
--------------------------------	--

**7.2 Conditions for safe storage, including any incompatibilities**

<b>Storage conditions</b>	Protect from contacting with light and moisture. Store in sealed containers in a cool and dry place.
<b>Incompatible materials</b>	None known based on information supplied
<b>Storage class (VbF)</b>	No

**7.3 Specific end use(s)**

No further relevant information available

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1 Control parameters**

<b>Exposure limits</b>	The product does not contain relevant quantities of materials with critical values that have to be monitored at the workplace.
<b>DNEL</b>	Not determined

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **IP-VC™**

Version: 3

Date: 2023.01.18

**PNEC** Not determined

**Additional information** The valid lists during this review were used as a basis.

## 8.2 Exposure controls

### Personal protective equipment

**Respiration protection** Not necessary if room is well-ventilated

**Hands protection**

Protective gloves



The glove material has to be impermeable and resistant to the product/the substance/the preparation.  
For prolonged or repeated contact use protective gloves.  
Chemical resistant gloves (EN374)

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection** Chemical safety goggles

**General protective measure** Avoid contact with the eyes and skin.

**General hygiene measure** The usual precautionary measures are to be adhered to when handling chemicals.

**Environmental exposure controls** No further relevant information available

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	Colorless to light yellow
<b>Odor</b>	Faint characteristic
<b>Odor threshold</b>	Not determined
<b><u>Property</u></b>	
<b>pH value (3% aq.sol.)</b>	Not determined
<b>Melting point/Melting range</b>	Not determined
<b>Boiling point/Boiling range</b>	164 °C

Flash point	226.5 °C
Flammability (solid, gaseous)	Not determined
Ignition temperature	Not determined
Decomposition temperature	Not determined
Self-igniting	Not determined
Danger of explosion	Not determined
Explosion limit	
Lower	Not determined
Upper	Not determined
Oxidizing properties	Not determined
Explosive properties	Not determined
Vapor pressure at 25 °C	Not determined
Vapor density at 20 °C	Not determined
Relative density	Not determined
Evaporation rate	Not determined
Solubility (water 20 °C)	Not determined
Partition coefficient (n-octanol/water at 24 °C)	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined

**9.2 Other information**

Surface tension	Not determined
Dissociation constant	Not determined
Granulometry	Not determined
Specific gravity (20 °C)	Not determined

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

No further relevant information available

**10.2 Chemical stability**

The product is stable under ordinary condition.

**Thermal decomposition/conditions to be avoided**

No decomposition if used according to specifications

**10.3 Possibility of hazardous reactions**

No dangerous reactions known

**10.4 Conditions to avoid**

Heat, fire, moisture and incompatible substances

**10.5 Incompatible material**

No further relevant information available

**10.6 Hazardous decomposition products**

No dangerous decomposition products known

**SECTION 11: TOXICOLOGICAL INFORMATION**
**11.1 Information on toxicological effects****Acute toxicity****LD/LC50 values relevant for classification**

No further relevant information available

**Primary Irritant effect****Skin corrosion/irritation**In vivo, non-irritant  
(Human patch test, pure & dilution at 10%)**Serious eye damage/irritation**In vivo, slightly irritant  
(in-vitro HETCAM test, dilution at 10% in paraffin oil)**Respiratory tract**

Not determined

**Respiratory/skin sensitization**

Not determined

**Additional toxicological information****Toxicokinetics, metabolism and distribution**

Not determined

**Repeated dose toxicity**

Not determined

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ Cell mutagenicity**Not Genotoxic  
Negative results in test OECD 471, Bacterial Reverse Mutation Test (Ames test)**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 physical form, product is not expected to pose an aspiration hazard.

**11.2 Information on toxicological effects****Endocrine disrupting properties**

Substance is not listed.

**SECTION 12: ECOLOGICAL INFORMATION**
**12.1 Toxicity****Aquatic toxicity**

No further relevant information available

**12.2 Persistence and degradability**

No further relevant information available

**12.3 Bioaccumulative potential**

No further relevant information available

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **IP-VC™**

Version: 3

Date: 2023.01.18

**12.4 Mobility in soil**

No further relevant information available

**12.5 Results of PBT and vPvB assessment**

Not applicable

**12.6 Other adverse effects**

No further relevant information available

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Recommendation**

Smaller quantities can be disposed of with household waste.  
Observe all federal, state and local environmental regulations

**13.2 Uncleaning packaging****Recommendation**

Disposal must be made according to official regulations.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN-Number****ADR/RID**

Not applicable

**ADN**

Not applicable

**IMDG**

Not applicable

**IATA**

Not applicable

**14.2 UN proper shipping name****ADR/RID**

Not applicable

**ADN**

Not applicable

**IMDG**

Not applicable

**IATA**

Not applicable

**14.3 Transport hazard class(es)****ADR/RID**

Not applicable

**ADN**

Not applicable

**IMDG**

Not applicable

**IATA**

Not applicable

**14.4 Packing group****ADR/RID**

Not applicable

**ADN**

Not applicable

**IMDG**

Not applicable

**IATA**

Not applicable

**14.5 Environmental hazard****Marine pollutant**

No

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **IP-VC™**

Version: 3

Date: 2023.01.18

- 14.6 Special precautions for user**  
**Special precaution for user** Not applicable
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**  
Not applicable
- 14.8 ICAO/IATA – DGR**  
Not regulated as dangerous good

## SECTION 15: REGULATORY INFORMATION

- 15.1 Safe, health and environmental regulations/legislation specific for the substance or mixture**
- Inventory - United States - Toxic Substances Control Act (TSCA)**  
Substance is not listed.
- Canada Domestic Substances List (DSL)**  
Substance is not listed.
- Canada Non-Domestic Substances List (NDSL)**  
Substance is not listed.
- European Inventory of Existing Chemical Substances (EINECS)**  
Substance is listed.
- Japan Existing and New Chemical Substances (ENCS)**  
Substance is not listed.
- China Inventory of Existing Chemical Substance (IECSC)**  
Substance is listed.
- Korean Existing and Evaluated Chemical Substances (KECL)**  
Substance is not listed.
- Philippines Inventory of Chemicals and Chemical Substances (PICCS)**  
Substance is not listed.
- Australian Inventory of Chemical Substances (AICS)**  
Substance is listed.
- New Zealand Inventory of Chemicals**  
Substance is listed.
- TCSI - Taiwan Chemical Substance Inventory**  
Substance is listed.
- OECD - List of High Production Volume Chemicals**  
Substance is not listed.
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II**  
Substance is not listed.



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **IP-VC™**

Version: 3

Date: 2023.01.18

**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Substance is not listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Substance is not listed.

**National regulations****Other regulations, limitations and prohibitive regulations**

Not determined

**Substances of very high concern (SVHC) according to REACH, Article 59(10)**

Substance is not listed.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of CORUM Inc. It relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. CORUM Inc. assumes no legal responsibility for use of or reliance upon this information.

**Abbreviations and acronyms**

NOAEL: Non Observed Adverse Effect Level

LOAEL: Lowest Observed Adverse Effect Level

NOEC: No Observed Effect Concentration

GHS: Globally Harmonized System of Classification and Labeling Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

VbF: Ordinance on the storage of combustible liquids, Austria

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substances of Very High Concern

PBT: Persistent Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

STOT: Specific Target Organ Toxicity

ADR: Agreement on Dangerous Goods by Road

RID: Regulations concerning the Intl Transport of Dangerous Goods by Rail

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

**Sources**

Own data from manufacturer.