

**Visco Minus**

Revision Date 07/01/2015

Print Date 07/01/2015

**SECTION 1. IDENTIFICATION**

Product name : Visco Minus

**Manufacturer or supplier's details**Company : One Stroke Inks  
458 Roberts Ave  
Louisville, KY 40214

Telephone : 502-366-1070

Visit our web site : [www.onestrokeinks.com](http://www.onestrokeinks.com)Emergency telephone number : After hours emergency contact: CHEMTREC  
1-800-424-9300**Recommended use of the chemical and restrictions on use**

Recommended use : Wetting &amp; Dispersing Additive

Restrictions on use : Refer to Section 15 for any restrictions that may apply

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Eye irritation : Category 2A

**GHS Label element**

Hazard pictograms :



Signal word : Warning

Hazard statements : Causes serious eye irritation. :

Precautionary statements

**Prevention:**Wash skin thoroughly after handling.  
Wear eye protection/ face protection.**Response:**IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/ attention.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Substance  
 Chemical nature : Polar acidic ester of long chain alcohols

### Hazardous components

HMIRA# 9350 Exemption Granted 23.04.2015

Component	CAS-No.	Concentration (%)
Acidic ester	-	>= 99 - <= 100

The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

### SECTION 4. FIRST AID MEASURES

If inhaled : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.

In case of skin contact : Remove contaminated clothing. Wash thoroughly with soap and water.

In case of eye contact : Immediately flush with plenty of water for at least 20 minutes. Get medical aid.

If swallowed : Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid.  
 Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : No information available.  
 No information available.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Foam  
 Carbon dioxide (CO<sub>2</sub>)  
 Dry chemical

Unsuitable extinguishing media : No information available.

Specific hazards during firefighting : Cool closed containers exposed to fire with water spray.  
 Will not explode on mechanical impact.

Hazardous combustion products : Carbon oxides

Further information : Keep away from heat and sources of ignition.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Eliminate all sources of ignition. Wear protective equipment: safety glasses, gloves and an appropriate respirator.

Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.

Methods and materials for containment and cleaning up : Stop leak. Dike and contain spill.  
Pump into salvage tanks and/or absorb with suitable material.  
Use sparkless shovels to remove material.

#### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes.  
Handle as an industrial chemical.  
Keep container tightly closed.

Conditions for safe storage : Keep in a dry, cool and well-ventilated place.  
Keep product and empty container away from heat and sources of ignition.  
Take measures to prevent the build up of electrostatic charge.

Materials to avoid : Keep away from oxidizing agents.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : Use with local exhaust ventilation.

##### Personal protective equipment

Respiratory protection : Not necessary.

Hand protection  
Material : Nitrile rubber

Eye protection : Safety Glasses  
Goggles

Skin and body protection	: Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: Clean long legged, long sleeved work clothes. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: colourless
Odour	: not significant
Odour Threshold	: No data available
pH	: No data available
Melting point/range	: < 41 °F (< 5 °C)
Boiling point/boiling range	: > 392 °F (> 200 °C)
Flash point	: 366.80 °F (186.00 °C) Method: 49 (Pensky-Martens)
Evaporation rate	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: < 1.0000000 hPa (68.00 °F (20.00 °C)) Method: calculated
Relative vapour density	: No data available
Relative Density/Specific Gravity	: No data available
Density	: 1.0100 g/cm <sup>3</sup> (68.00 °F (20.00 °C)) Method: 4 (20°C oscillating U-tube)
Bulk density	: Not applicable
Solubility(ies) Water solubility	: immiscible

Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	> 392 °F (> 200 °C) Method: DIN 51794
Viscosity	:	
Viscosity, dynamic	:	ca. 281 mPa.s (68 °F (20 °C))

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable; polymerization will not occur
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	None known.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	None expected

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Skin contact  
Skin absorption  
Inhalation  
Eyes  
Ingestion

### Acute toxicity

#### Components:

##### - Acidic ester:

Acute oral toxicity : LD50 (Rat, male and female): > 4,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

### Skin corrosion/irritation

#### Components:

**- Acidic ester:**

Species: Rabbit  
Assessment: No skin irritation  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: yes

**Serious eye damage/eye irritation****Components:****- Acidic ester:**

Species: Rabbit  
Result: Eye irritation  
Assessment: Irritating to eyes.  
Method: OECD Test Guideline 405  
GLP: yes

**Respiratory or skin sensitisation****Components:****- Acidic ester:**

Remarks: No data available

**Carcinogenicity****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Repeated dose toxicity****Components:****- Acidic ester:**

Remarks: No data available

**Experience with human exposure****Product:**

Inhalation:	Symptoms:	None expected.
Skin contact:	Symptoms:	Contact may cause irritation.
Eye contact:	Symptoms:	Contact will probably cause irritation.
Ingestion:	Symptoms:	Ingestion may irritate the digestive tract; high dosages may cause CNS depression.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

#### **Product:**

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

EPA Hazardous Waste Code(s) : Not applicable.

Waste from residues : Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

**SECTION 14. TRANSPORT INFORMATION****International Regulation****IATA-DGR**

UN/ID No. : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(Acidic ester)  
Class : 9  
Packing group : III  
Labels : Miscellaneous substances and articles  
Packing instruction (cargo aircraft) : 964  
Packing instruction (passenger aircraft) : 964

**IMDG-Code**

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(Acidic ester)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : no  
Remarks : IMDG Code segregation group - none

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****49 CFR**

UN/ID/NA number : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(Acidic ester)  
Class : 9  
Packing group : III



Labels : Miscellaneous substances and articles  
ERG Code : 171  
Marine pollutant : no  
Container sizes: 55 gallon drums, 5 or 6-gallon pails, 2oz/16oz samples

## SECTION 15. REGULATORY INFORMATION

### **EPCRA - Emergency Planning and Community Right-to-Know Act**

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### **SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

#### **SARA 302 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a SARA 302 RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### **Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

Non-volatile (Wt) : 99.00 %  
Method: 22 (10min/150°C)  
DIN EN ISO 3251  
Non-volatile information is not a specification.

### **Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

### **Pennsylvania Right To Know**

Acidic ester -

### **New Jersey Right To Know**

Acidic ester

**New Jersey Trade Secret  
Registry Number for the  
product (NJ TSRN)** : 800963-5290

**California Prop 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

**The components of this product are reported in the following inventories:**

TSCA : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements per 40 CFR 720 30(h).

Section 4 / 12(b) : Not applicable

DSL : We certify that all of the components of this product are listed on the DSL.

**SECTION 16. OTHER INFORMATION**

Revision Date : 07/01/2015

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.