

Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

: Odorless Paint Thinner **Product name Product Use Descrip-**: Paint related material.

tion

Manufacturer or supplier's details

Company : Speedball Art Products Address 2301 Speedball Rd.

Statesville, NC 28677 United States of America

Emergency telephone number:

: 1.800.898.7224

Transport North America: CHEMTREC 800.424.9300

: E-Mail: <u>placeanorder@speedballart</u>.com Additional Infor-

MSDS Requests: 1.800.898.7224 mation:

Website: www.speedballart.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 3

Skin irritation : Category 2

Eye irritation : Category 2A

icity - single exposure

Specific target organ tox- : Category 3 (Central nervous system)

Aspiration hazard : Category 1

GHS Label element

Hazard pictograms





Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.



Version 1.1 Revision Date: 04/14/2015

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

: Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331 Do NOT induce vomiting.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Potential Health Effects

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.

OSHANo 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 antici-

pated carcinogen by NTP.

Emergency Overview

| DANGER | | |
|------------|-------------------|--|
| Appearance | liquid | |
| Colour | clear, colourless | |
| Odour | hydrocarbon-like | |

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

| CAS-No. | Chemical Name | Concentration (%) |
|------------|-------------------------------------|-------------------|
| 64741-65-7 | Naphtha (petroleum), heavy alkylate | 0 - 100 |
| 64742-48-9 | Naph (pet), hydrotrtd hvy | 0 - 100 |

Special Notes: : Functionally equivalent petroleum streams may be

found in this preparation at varying concentrations.

SECTION 4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attend-

ance.



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Symptoms of poisoning may appear several hours

later.

Move out of dangerous area.

Do not leave the victim unattended.

If inhaled : Consult a physician after significant exposure.

If unconscious place in recovery position and seek

medical advice.

In case of skin contact : If skin irritation persists, call a physician.

If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Flush eyes with water as a precaution.

Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

Do NOT induce vomiting.

Never give anything by mouth to an unconscious per-

son.

Take victim immediately to hospital. If symptoms persist, call a physician.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing

media

: Alcohol-resistant foam Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

: High volume water jet

Specific hazards during

firefighting

: Do not allow run-off from fire fighting to enter drains

or water courses.

Hazardous combustion

products

: Carbon dioxide (CO2) Carbon monoxide

Unburned hydrocarbons

Specific extinguishing

methods

: Use a water spray to cool fully closed containers.

Further information : Collect contaminated fire extinguishing water sepa-

rately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing wa-

ter must be disposed of in accordance with local regu-



Version 1.1 Revision Date: 04/14/2015

lations.

For safety reasons in case of fire, cans should be stored separately in closed containments.

Special protective equipment for firefighters

: Wear self-contained breathing apparatus for fire-

fighting if necessary.

NFPA Flammable and Combustible Liquids Classification:

Combustible Liquid Class II

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precau-

tions

: Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains

inform respective authorities.

Methods and materials for containment and

cleaning up

: Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regula-

tions (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling

: Avoid formation of aerosol.

Do not breathe vapours/dust.

Avoid exposure - obtain special instructions before

use.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in

the application area.

Take precautionary measures against static discharg-

es.

Provide sufficient air exchange and/or exhaust in work

rooms.

Open drum carefully as content may be under pres-

. Slire

Dispose of rinse water in accordance with local and



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

national regulations.

Conditions for safe stor-

age

: No smoking.

Keep container tightly closed in a dry and well-

ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Observe label precautions.

Electrical installations / working materials must com-

ply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| CAS-No. | Components | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------|--|-------------------------------------|--|----------|
| 64741-65-7 | Naphtha (petroleum), heavy alkylate | TWA | 500 ppm 2,000 mg/m3 | OSHA Z-1 |
| | | TWA | 400 ppm 1,600 mg/m3 | OSHA P0 |
| 64742-48-9 | Naph (pet), hydrotrtd hvy | TWA | 500 ppm 2,000 mg/m3 | OSHA Z-1 |
| | | TWA | 400 ppm 1,600 mg/m3 | OSHA P0 |

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with

an approved filter.

No personal respiratory protective equipment normally

required.

Hand protection

Remarks : The suitability for a specific workplace should be dis-

cussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Wear face-shield and protective suit for abnormal pro-

cessing problems.

Skin and body protection : impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work

place.



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : clear, colourless

Odour : hydrocarbon-like

Odour Threshold : No data available

pH : not applicable

Freezing Point (Melting

point/freezing point)

: No data available

Boiling Point (Boiling

point/boiling range)

: 171 - 204 °C (340 - 399 °F)

Flash point : 51 °C (124 °F)

Evaporation rate : 0.1

n-Butyl Acetate

Flammability (solid, gas) : No data available

Burning rate : No data available

Upper explosion limit : 7.0 %(V)

Lower explosion limit : 0.6 %(V)

Vapour pressure : 0.8 mmHg @ 20 °C (68 °F)

Relative vapour density : 5.3(Air = 1.0)

Relative density : 0.758 - 0.770 @ 15.6 - 20 °C (60.1 - 68 °F)

Reference substance: (water = 1)

Density : 0.768 g/cm3 @ 20 °C (68 °F)

Bulk density : No data available

Solubility(ies)



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Water solubility : 0.05 g/l negligible

Solubility in other sol-

vents

: No data available

Partition coefficient: n-

octanol/water

: No data available

Auto-ignition temperature : 260 °C

Thermal decomposition : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of

normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous

reactions

: No hazards to be specially mentioned.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : strong oxidizing agents

Hazardous decomposition

products

: Carbon monoxide, carbon dioxide and unburned hy-

drocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:

64741-65-7:

Acute oral toxicity : LD50 (rat): > 2,000 mg/kg

Assessment: The substance or mixture has no acute

oral toxicity

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (rabbit): > 2,000 mg/kg

Assessment: The substance or mixture has no acute

dermal toxicity



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

64742-48-9:

Acute oral toxicity : LD50 (rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (rat): > 5610

Assessment: The component/mixture is low toxic after

short term inhalation.

Acute dermal toxicity : LD50 (rabbit): > 3,000 mg/kg

Skin corrosion/irritation

Product:

Remarks: Irritating to skin.

Components:

64741-65-7:

Species: rabbit

Result: Irritating to skin.

64742-48-9:

Species: rabbit Exposure time: 4 h

Method: OECD Test Guideline 404

Result: Irritating to skin.

Serious eye damage/eye irritation

Product:

Remarks: Irritating to eyes.

Components:

64741-65-7:

Species: rabbit

Result: Mild eye irritation

64742-48-9:

Species: rabbit

Result: Irritating to eyes.

Method: OECD Test Guideline 405

Respiratory or skin sensitisation

Components:

64741-65-7:

Remarks: No data available

64742-48-9:



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Test Type: Buehler Test Species: guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components:

64741-65-7:

Germ cell mutagenicity-

Assessment

: Mutagenicity classification not possible from current

data

64742-48-9:

: Remarks: No data available Genotoxicity in vitro

Germ cell mutagenicity-

Assessment

: Mutagenicity classification not possible from current

data

Carcinogenicity

Components:

64741-65-7:

sessment

Carcinogenicity - As- : Not classifiable as a human carcinogen.

64742-48-9:

Remarks: This information is not available.

Carcinogenicity - As-

sessment

: Not classifiable as a human carcinogen.

Reproductive toxicity

Components:

64741-65-7:

Reproductive toxicity -

Assessment

: Fertility classification not possible from current data. Embryotoxicity classification not possible from current

data.

64742-48-9:

Effects on fertility : Test Type: Two-generation study

Species: rat

Application Route: inhalation (vapour)

General Toxicity - Parent: NOAEC: > 20,000 mg/m³

Method: OECD Test Guideline 416

Effects on foetal devel-

opment

: Test Type: Embryo-foetal development

Species: rat

Application Route: inhalation (vapour)



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Duration of Single Treatment: 20 d Frequency of Treatment: 6 hr/day

Embryo-foetal toxicity.: NOAEL: 23,900 mg/m³

Method: OECD Test Guideline 414

Reproductive toxicity -

Assessment

: Fertility classification not possible from current data. Embryotoxicity classification not possible from current

data.

STOT - single exposure

Product:

| Exposure routes: | Target Organs: | Assessment: | Remarks: |
|-------------------------|-----------------|--------------------|----------|
| Inhalation | Central nervous | May cause drowsi- | |
| | system | ness or dizziness. | |
| | | | |

Components:

64741-65-7:

| Exposure routes: | Target Organs: | Assessment: | Remarks: |
|-------------------------|------------------------|--|----------|
| Inhalation | Central nervous system | May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects. | |

64742-48-9:

| Exposure routes: | Target Organs: | Assessment: | Remarks: |
|-------------------------|---------------------------|--|----------|
| Inhalation | Central nervous system | May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects. | |

STOT - repeated exposure

Product: No data available

Components:

64741-65-7: No data available



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

64742-48-9: No data available

Aspiration toxicity

Product:

May be fatal if swallowed and enters airways.

Components:

64741-65-7:

May be fatal if swallowed and enters airways.

64742-48-9:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

64741-65-7:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic inverte-

brates

: Remarks: No data available

: Remarks: No data available Toxicity to algae

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

64742-48-9:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 10 mg/l

> Exposure time: 96 h Test Type: semi-static test

Method: OECD Test Guideline 203



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Toxicity to daphnia and

other aquatic inverte-

brates

: EL50 (Daphnia magna (Water flea)): 4.5 mg/l

Exposure time: 48 h Test Type: static test

Method: OECD Test Guideline 202

Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (Selenastrum

capricornutum)): 3.1 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test

Method: OECD Test Guideline 201

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Persistence and degradability

Bioaccumulative potential

Components:

64741-65-7:

Partition coefficient: n-

octanol/water

: log Pow: 3.3 - 5.3

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection

of Stratospheric Ozone - CAA Section 602 Class I Sub-

stances

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 in-

formation

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to

aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

Waste from residues : Dispose of in accordance with all applicable local,

state and federal regulations.

For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group

at 800-637-7922.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product. Do not re-use empty containers.

Do not burn, or use a cutting torch on, the empty

drum.

SECTION 14. TRANSPORT INFORMATION

IATA (International Air Transport Association): UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III, Flash Point:51 °C(124 °F)

IMDG (International Maritime Dangerous Goods): UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III

DOT (Department of Transportation): UN1268, PETROLEUM DISTILLATES, N.O.S., CBL, III

Special Notes: : The flash point for this material is greater than 100 F

(38 C). Therefore, in accordance with 49 CFR 173.150(f) non-bulk containers (<450L or <119 gallon capacity) of this material may be shipped as non-regulated when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Combustible Liquid, Moderate skin irritant, Aspiration

hazard, Moderate eye irritant

WHMIS Classification : B3: Combustible Liquid

D2A: Very Toxic Material Causing Other Toxic Effects D2B: Toxic Material Causing Other Toxic Effects

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

CERCLA Reportable Quantity

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



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 : Fire Hazard

Hazards Acute Health Hazard

Chronic Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject

to the reporting requirements of SARA Title III,

Section 302.

SARA 313 : SARA 313: This material does not contain any chemi-

cal components with known CAS numbers that exceed the threshold (De Minimis) reporting levels estab-

lished 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). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean-Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

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

Pennsylvania Right To Know

| 64741-65-7 | Naphtha (petroleum), heavy alkylate | 0 - 100 % |
|------------|-------------------------------------|-----------|
| 64742-48-9 | Naph (pet), hydrotrtd hvy | 0 - 100 % |

New Jersey Right To Know

| 64741-65-7 | Naphtha (petroleum), heavy alkylate | 0 - 100 % |
|------------|-------------------------------------|-----------|
| 64742-48-9 | Naph (pet), hydrotrtd hvy | 0 - 100 % |

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.



Version 1.1 Revision Date: 04/14/2015

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

| The components of this product are reported in the for | | |
|--|----|--|
| Switzerland. New notified substances and declared preparations | : | y (positive listing) (The formulation contains substances listed on the Swiss Inventory) |
| United States TSCA Inventory | : | y (positive listing) (On TSCA Invento- ry) |
| Canadian Domestic Substances List (DSL) | : | y (positive listing) (All components of this product are on the Canadian DSL.) |
| Australia Inventory of Chemical Substances (AICS) | : | y (positive listing) (On the inventory, or in compliance with the inventory) |
| Japan. ENCS - Existing and New Chemical Substances Inventory | : | n (Negative listing) (Not in compliance with the inventory) |
| Japan. ISHL - Inventory of Chemical Substances (METI) | : | n (Negative listing) (Not in compliance with the inventory) |
| Korea. Korean Existing Chemicals Inventory (KECI) | •• | y (positive listing) (On the inventory, or in compliance with the inventory) |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | : | y (positive listing) (On the inventory, or in compliance with the inventory) |
| China. Inventory of Existing Chemical Substances in China (IECSC) | : | y (positive listing) (On the inventory, or in compliance with the inventory) |



Mona Lisa™ Odorless Paint Thinner

Version 1.1 Revision Date: 04/14/2015

SECTION 16. OTHER INFORMATION

Further information

NFPA: Flammability Health

Special hazard.

0

HMIS III:

| HEALTH | 1* |
|-----------------|----|
| FLAMMABILITY | 2 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 = Slight,

2 = Moderate, 3 = High

4 =Extreme, * = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO™ Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.

Material number:

16056566, 16056565, 16056564, 16056563, 16056562

| Key or leg | Key or legend to abbreviations and acronyms used in the safety data sheet | | | | |
|------------|---|-------|---|--|--|
| ACGIH | American Conference of Government Industrial Hygienists | LD50 | Lethal Dose 50% | | |
| AICS | Australia, Inventory of Chemical Substances | LOAEL | Lowest Observed Adverse Effect Level | | |
| DSL | Canada, Domestic Substances List | NFPA | National Fire Protection Agency | | |
| NDSL | Canada, Non-Domestic Substances List | NIOSH | National Institute for Occupational Safety & Health | | |
| CNS | Central Nervous System | NTP | National Toxicology Program | | |
| CAS | Chemical Abstract Service | NZIoC | New Zealand Inventory of Chemicals | | |
| EC50 | Effective Concentration | NOAEL | No Observable Adverse Effect Level | | |
| EC50 | Effective Concentration 50% | NOEC | No Observed Effect Concentration | | |
| EGEST | EOSCA Generic Exposure | OSHA | Occupational Safety & Health Admin- | | |



Version 1.1 Revision Date: 04/14/2015

| | Scenario Tool | | istration | |
|--------|--|--------------------------|---|--|
| EOSCA | European Oilfield Specialty Chemicals Association | PEL | Permissible Exposure Limit | |
| EINECS | European Inventory of Existing Chemical Substances | PICCS | Philipines Inventory of Commercial Chemical Substances | |
| MAK | Germany Maximum Concentration Values | PRNT | Presumed Not Toxic | |
| GHS | Globally Harmonized System | RCRA | Resource Conservation Recovery Act | |
| >= | Greater Than or Equal To | STEL | Short-term Exposure Limit | |
| IC50 | Inhibition Concentration 50% | SARA | Superfund Amendments and Reauthorization Act. | |
| IARC | International Agency for Research on Cancer | TLV | Threshold Limit Value | |
| IECSC | Inventory of Existing Chemical Substances in China | TWA | Time Weighted Average | |
| ENCS | Japan, Inventory of Existing and New Chemical Substances | TSCA | Toxic Substance Control Act | |
| KECI | Korea, Existing Chemical Inventory | UVCB | Unknown or Variable Compositon, Complex Reaction Products, and Biological Materials | |
| <= | Less Than or Equal To | WHMIS | Workplace Hazardous Materials Information System | |
| LC50 | · | Lethal Concentration 50% | | |