

Understanding Alcumus Sypol

Health hazards



EXPLOSIVE
Explosives.
Self Reactives.
Some organic peroxides.



OXIDISING
Oxidising gases,
liquids and solids.



FLAMMABLE
Flammable gases, aerosols, liquids
or solids. Self-reactives. Pyrophorics.
Substances and mixtures, which in
contact with water, emit flammable
gases. Some organic peroxides.



GAS UNDER PRESSURE
Gases under pressure.



ACUTE TOXICITY
Materials which in low
quantities may cause death or
very serious damage to health
(oral, dermal, inhalation).



SERIOUS HEALTH HAZARD
Chronic toxicity and other health
effects. Respiratory sensitisation.
Germ cell mutagenicity.
Carcinogenicity. Reproductive
toxicity. Specific target organ
toxicity. Aspiration hazard.



HEALTH HAZARD / HAZARDOUS TO THE OZONE LAYER
Acute toxicity and other
health effects. Skin
and eye irritation. Skin
sensitisation. Specific
target organ toxicity.



CORROSIVE
Materials which on contact
with living tissues may destroy
them. Serious eye damage.
Corrosive to metals.



HAZARDOUS TO THE ENVIRONMENT
Hazardous to
the environment.



LOW HAZARD
Not classified as hazardous but
still has potential to cause harm to
susceptible individuals.



CAUTION
Material has potential
to cause harm or
adverse effects not
otherwise specified.

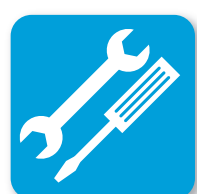


BIOHAZARD
Material is either a biological
agent, or is potentially
contaminated with biological
agents capable of causing
infection or disease.



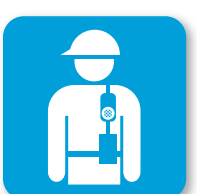
REACH
Identifies dangerous
substances, preparations or
articles which are subject to
authorisation requirements
under REACH.

COSHH considerations



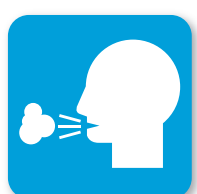
MAINTENANCE

Ensure controls
are maintained
in accordance
with COSHH
Regulation 9.



EXPOSURE MONITORING

Quantitative
exposure
monitoring in
accordance with
COSHH Regulation
6 and 10.



END TIDAL BREATH TEST

End tidal
breath tests in
accordance with
the COSHH
Regulation 10.



URINE TEST

Urine tests in
accordance
with COSHH
Regulation 10.



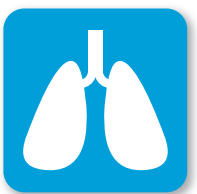
BLOOD TEST

Blood tests in
accordance
with COSHH
Regulation 10.



SKIN CHECK

Skin checks
in accordance
with COSHH
Regulation 11.



LUNG FUNCTION TEST

Lung function
tests in
accordance
with COSHH
Regulation 11.



HEARING TEST

Hearing test
in accordance
with COSHH
Regulation 11.



CHEST X-RAY

Chest x-rays
in accordance
with COSHH
Regulation 11.



MEDICAL SURVEILLANCE

Additional health
surveillance
or medical
examination
in accordance
with COSHH
Regulations.



INFORMATION / INSTRUCTION / TRAINING

Information,
instruction and
training
in accordance
with COSHH
Regulation 12



RECORD KEEPING

Specific record
keeping in
accordance with
the COSHH
Regulations.



FERTILITY / FUNCTION / FOETAL DEVELOPMENT

Consider adverse
effects on
sexual function
and fertility,
developmental
toxicity in the
offspring, effects on
or via lactation.



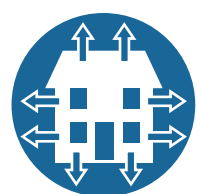
INFECTION CONTROL POLICY

Implement
a Control of
Infection Policy
in accordance
with the COSHH
Regulations.

Ventilation and engineering controls



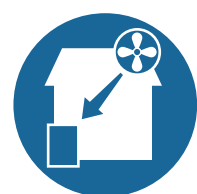
NATURAL VENTILATION
General air
movement and
natural breezes
providing a well
ventilated area
outside.



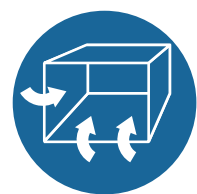
GENERAL VENTILATION
Indoor ventilation
with non-
mechanically
supplied clean fresh
air.



DILUTION VENTILATION
Mechanically
enhanced indoor
ventilation.



FORCED VENTILATION
Ventilation
supplied entirely by
mechanical means.



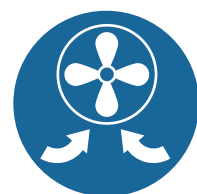
BOOTH
Mechanically
extracted booth.



FUME CUPBOARD / CABINET
Fume cupboard or
cabinet to remove
contaminants at
source. Keep sash
as low as possible
when in use.



VENTILATED BENCH
Ventilated bench
used to draw
contaminants away
from worker's
breathing zone. Place
extraction as close to
source as possible.



VENTILATION
Local extraction
used to draw
contaminants away
from worker's
breathing zone. Place
extraction as close to
source as possible.



INTEGRAL EXTRACTION
Equipment fitted with
integral extraction
to prevent materials
entering worker's
breathing zone.



ENCLOSED CABINET/BOOTH
Fully enclosed,
extracted cabinet
or booth.

Personal protective equipment



RESPIRATORY PROTECTIVE EQUIPMENT (RPE)
Single-use,
disposable respirator
relying on the
wearer's breathing
to draw air through
the filter.



FILTER CARTRIDGE RESPIRATOR
Single or multi-use
disposable filter
respirator relying
on the wearer's
breathing to draw air
through the filter.



POWERED RESPIRATOR
Motor driven air
passed through
a filter to give a
supply of clean air.



BREATHING APPARATUS
An unbroken
supply of breathing-
quality air from an
independent source.



EYE PROTECTION
Eye protection
to the specified
standard should
be worn.



FACE SHIELD / VISOR
Full face visor to the
specified standard
should be worn to
protect the eyes and
face.



HAND PROTECTION
Skin contact should
be avoided or gloves
of the specified
material type should
be worn.



APRON
Apron of specified
material type
should be worn to
protect the body.



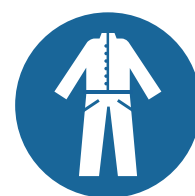
LABORATORY COAT
Laboratory coat
should be worn to
minimise contact
with hazardous
material.



FOOTWEAR
Protective
footwear to the
specified standard
should be worn.



COVERALLS / OVERALLS
Protective overalls
or coveralls of the
specified type should
be worn to minimise
contact with
hazardous material.



COVER SKIN
Skin should be kept
covered. Normal
clothing may be
worn if arms and
legs are covered.

Hygiene, housekeeping and disposal



WORKPLACE HYGIENE
Ensure adequate
facilities are provided
to ensure employees
maintain suitable
hygiene standards.



SHOWER
Ensure shower
facilities are available
to enable immediate
decontamination
following exposure to
hazardous materials.



CHANGING
Soiled work clothes
should be removed
and laundered or
disposed of.
Changing should
occur in designated
areas.



RECONDITIONING CREAM
Skin conditioning
cream should be
used to reduce the
risk of contact
dermatitis. Ensure
creams are applied
properly.



BARRIER CREAM
Barrier cream should
be used to provide
a protective barrier
against hazardous
materials. Ensure
creams are applied
properly.



EASY CLEAN
Ensure surfaces
are impervious to
water, easy to clean
and resistant to
commonly used
disinfectants.



HOUSEKEEPING
Ensure appropriate
housekeeping
measures are in
place, including
suitable cleaning
procedures.



VACUUM
An industrial
vacuum cleaner
to the specified
standard is required
to remove surface
contamination.



SUPPRESS DUST
Suppress dust
by damping
down should be
undertaken in order
to minimise airborne
dust generation.



CLOSE CONTAINER
Ensure container is
closed when material
is not in use to
reduce the risk of
exposure / spillage.



DISPOSAL
Material is hazardous
as indicated and can
be disposed of in
accordance with the
classification of the
substance.



DO NOT STORE
Dispose of materials
in accordance with
the appropriate
waste stream.



DO NOT MIX
Material should
not be mixed
with specified
incompatible
materials.

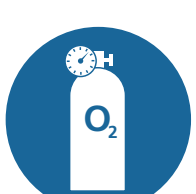


DO NOT DRY SWEEP
Dry sweeping should
not be undertaken
for solid materials
that can cause dust
generation.

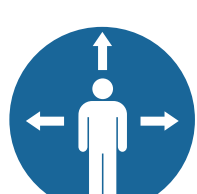
Special control measures



RESTRICT ACCESS
Restrict access to
all non-authorised
personnel in order
to limit exposure
to hazardous
materials.



OXYGEN LEVEL
Monitor oxygen
levels in the
atmosphere.



SUFFICIENT SPACE
Work should be
carried out in a
designated area of
the laboratory with
sufficient space to
work safely. The
workspace should
be kept clear of
any unnecessary
equipment.



AUTOClave
Use of an
autoclave to
sterilise/disinfect
contaminated
items.



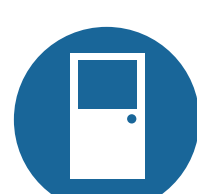
DECONTAMINATION FACILITIES
Decontamination
procedures and
adequate facilities
are required to
ensure employees
maintain suitable
hygiene standards.



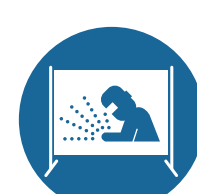
DIVING SUIT
Full body diving
suit to minimise
contact with
hazardous material
underwater.



SEALABLE / ISOLATED WORKPLACE
Sealable and / or
isolated workplace
to facilitate
disinfection or
decontamination.
Area accessible
to authorised
personnel only.



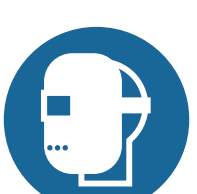
CLOSE DOORS
Doors must be
kept closed and
the room kept
under negative
pressure.



WELDER'S CURTAIN
Welding curtain
to separate all
non-essential
personnel from
exposure to the
welding activity.



GAS DETECTION
Monitor specified
gas levels in the
atmosphere.



SPECIALIST MASK
Mask to the
specified standard
should be worn to
protect the eyes
and face.



COVER CUTS / GRAZES
Cover all new
and existing
cuts and grazes
with waterproof
dressings and/or
gloves.