



BOTTLE SAFETY AND PREPARATION POLICY

As young children (particularly those under 12 months) are still developing their immune system, they are more susceptible to food borne illnesses and infection. This therefore makes it imperative that education and care services implement and maintain the highest level of hygiene practices. Our Service will ensure that safe practices are consistently maintained for handling, storing, preparing and heating breast milk and formula, and sterilising bottles and teats.

NATIONAL QUALITY STANDARD (NQS)

| QUALITY AREA 2: CHILDREN’S HEALTH AND SAFETY | | |
|--|---------------------------------|---|
| 2.1 | Health | Each child’s health and physical activity is supported and promoted |
| 2.1.2 | Health practices and procedures | Effective illness and injury management and hygiene practices are promoted and implemented. |
| 2.1.3 | Healthy Lifestyles | Healthy eating and physical activity are promoted and appropriate for each child. |
| 2.2 | Safety | Each child is protected. |
| 2.2.1 | Supervision | At all times, reasonable precautions and adequate supervision ensure children are protected from harm and hazard. |

| EDUCATION AND CARE SERVICES NATIONAL REGULATIONS | |
|--|---|
| 77 | Health, hygiene and safe food practices |
| 78 | Food and beverages |
| 168 | Education and care services must have policies and procedures |
| 170 | Policies and Procedures to be followed |
| 171 | Policies and procedures to be kept available |
| 172 | Notification of change to policies or procedures |

RELATED POLICIES

| | |
|--------------------------|----------------------------------|
| Breastfeeding Policy | Nutrition and Food Safety Policy |
| Dental Health Policy | Sleep and Rest Policy |
| Health and Safety Policy | Work, Health and Safety Policy |

PURPOSE

To ensure our Service maintains a safe and hygienic environment for all infants and toddlers requiring a bottle, educators will sterilise and prepare bottles safely and hygienically in accordance with recognised guidelines and best practice. All educators preparing and/or handling bottles will have undergone training in safe food handling.

SCOPE

This policy applies to children, families, educators, staff, management, approved provider, nominated supervisor, students, volunteers and visitors of the Service.

IMPLEMENTATION

During their first year of life, babies are at their most vulnerable to viruses, bacteria, and parasitic infections, due to their immune system not yet being fully developed. Unsafe or careless food handling practices can therefore lead to anything from a mild attack of thrush to a more serious condition of gastroenteritis, all of which are similar to food poisoning and can cause vomiting and diarrhoea, and subsequent dehydration.

To ensure that bottles are consistently prepared in a safe and hygienic manner educators will adhere to Service procedures at all times.

THE APPROVED PROVIDER/ NOMINATED SUPERVISOR/ MANAGEMENT WILL ENSURE:

- educators, staff, students, visitors and volunteers have knowledge of and adhere to this policy
- families are aware of this *Bottle Safety Preparation Policy*
- educators are aware of and strictly adhere to the procedures for sterilising bottles and teats, and preparing, heating and storing bottles of formula and breast milk
- procedures for the safe storage and heating of food provided in bottles are strictly adhered to
- infants over 6 months of age are given small amounts of cooled boiled water in addition to breastmilk or formula as required

- educators give infants or children bottles before going into their bed or cot
- infants are given only breast milk, formula, or cooled boiled water: They are not given fruit juice in their bottle due to the increased risk of tooth decay
- ensure families are familiar with their responsibilities in accordance with this policy.

EDUCATORS WILL:

- implement safe food handling practices
- wash hands thoroughly
- store all bottles in an appropriate area for food preparation that complies with the food safety standards for kitchens and food preparation areas
- adhere to the procedure for the safe storage and heating of food provided in bottles
- provide infants over 6 months of age with small amounts of cooled boiled water in addition to breast milk or formula
- ensure infants and children are not given fruit juice in their bottle due to the increased risk of tooth decay
- give bottle-fed infants or children their bottles before going to bed
- ensure children are not put in cots or in beds with bottles as per the *Dental Health Policy*
- rinse children's bottles thoroughly after use and leave to air dry before placing in the child's bag
- adhere to each child's feeding routine
- document the amount of milk each infant consumed including the time of feeds
- communicate regularly with families about infant and children's feeding patterns and routines

FAMILIES WILL:

- read and comply with the policies and procedures of the Service
- be informed during orientation that children's bottles must be clearly labelled with the child's name
- label bottles or zip lock bags containing breast milk with the date of preparation or date of expression
- bring enough sterilised bottles each day to meet their child's requirements
- bring formula powder pre measured in a formula dispenser which is clearly labelled with a child's name.
- provide labelled bottle(s) for use at the Service with the correct amount of cool boiled water
- be encouraged to communicate regularly with educators about children's bottle and feeding requirements
- not put fruit juice in children's bottles as per our *Dental Health Policy*.

STERILISING BOTTLES, TEATS, AND DUMMIES

Children under 6 months of age should have their bottles, dummies and other utensils sterilised. Our service does not have the means to sterilize items, therefore anything that is needed to be sterilized will be sent home to the family for sterilization.

PREPARING FORMULA INFORMATION

Before preparing formula

- Ensure your hands and the work bench are clean
- Boil water and leave to cool for approximately 30 minutes. This will ensure that the water is not too hot (70°C is the best temperature to prepare formula as it will dissolve easily).

When preparing infant formula always closely follow the instructions on the tin. In general:

- always wash hands thoroughly prior to preparing formula
- do not compact the formula powder in the scoop, and always ensure the correct ratio of formula to water as specified on the tin: Too little formula powder may leave the infant hungry, whilst too much can cause constipation
- always use a sterilised knife to level the top of the scoop when measuring the formula powder
- without touching the teat shake the bottle well to mix the contents
- cool the made-up formula as quickly as possible: If using immediately run under cold tap water or place in a large bowl of cold water (with the lid on to avoid contaminating the teat)
- if not using immediately, made-up formula should be cooled and stored in the fridge.

Heating bottles

- Heat bottles once only
- Do not allow a bottle to cool and then reheat as this can allow germs to grow
- Stand the bottle in a container of hot water or a bottle warmer for no more than 15 minutes
- Before feeding the infant, check the temperature of the milk by letting a small drop fall on the inside of your wrist- it should feel warm or even a little cool
- Do not microwave breast milk or bottles
- Do not refreeze thawed breast milk
- Discard any milk that has not been used

STORING BREASTMILK AND FORMULA

For safe storage of formula and breast milk, refrigerators must be kept at 5°C or below and should have a non-mercury thermometer to monitor the temperature.

- Formula or breast milk must be kept refrigerated or frozen if not being immediately consumed
- Whenever possible, make up formula as it is needed. Formula should not be refrigerated for more than 24 hours
- Any remaining formula should be thrown out if an infant does not finish a bottle: It should not be frozen or reheated
- Prior to placing bottle in the fridge staff will check that it/they are labelled with the child's name and the date the bottle was prepared.

BREAST MILK CAN BE STORED IN SEVERAL WAYS, WHICH INCLUDE:

1. refrigerated for no more than no more than 72 hours at 5°C or lower (5°C is the typical temperature of a standard fridge)
2. store breast milk on a shelf of the refrigerator, not in the door
3. frozen in a separate freezer section of a refrigerator for up to 3 months at a temperature of -18°C. If being frozen in a freezer compartment inside the refrigerator (as opposed to a freezer with a separate door), the breast milk should only be stored for 2 weeks.

*Our service will hold breast milk for a maximum of 7 days and then it will be sent home.

FROZEN BREAST MILK CAN BE THAWED:

1. in the refrigerator and used within 24 hours
2. standing the bottle in a container of lukewarm water and used straight away

Source: 5th Edition Staying Healthy Preventing infectious diseases in early childhood education and care services (June 2013).

CONTINUOUS IMPROVEMENT/REFLECTION

The *Bottle Safety Preparation Policy* will be reviewed on an annual basis in conjunction with children, families, staff, educators and management.

RELATED RESOURCES

| | |
|-----------------------------------|--------------------------------------|
| Breast Milk Preparation Procedure | Formula Bottle Preparation Procedure |
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SOURCES

Australian Breastfeeding Association www.breastfeeding.asn.au

Australian Children’s Education & Care Quality Authority. (2014).

Australian Children’s Education & Care Quality Authority. (2023). [Guide to the National Quality Framework](#).

Australian Government Department of Health and Aged Care. [Get Up & Grow: Healthy Eating and Physical Activity for Early Childhood](#).

Australian Government Department of Health and Aged Care. [Pregnancy, birth and baby](#).

Australian Government National Health and Medical Research Council. (2013). Eat for health: Infant feeding guidelines: Information for health workers.

https://www.eatforhealth.gov.au/sites/default/files/files/the_guidelines/n56b_infant_feeding_summary_130808.pdf

ECA Code of Ethics. (2016).

Education and Care Services National Law Act 2010. (Amended 2023).

[Education and Care Services National Regulations](#). (Amended 2023).

Food Standards Australia – www.foodstandards.gov.au

National Health and Medical Research Council. (2013). *Staying Healthy: Preventing infectious diseases in early childhood education and care services* (5th Ed.). Australia: Commonwealth of Australia. NSW Government. (n.d.).

NSW Ministry of Health. (2014). Caring for children birth to 5 years: Food, nutrition and learning experiences.

<https://www.health.nsw.gov.au/health/Publications/caring-for-children-manual.pdf>

Safe Food and Health Service Executive. (2013). How to prepare your baby’s bottle.

[Western Australian Education and Care Services National Regulations](#)

REVIEW

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|--------------------|--|------------------|------------------|
| POLICY REVIEWED BY | Megan Hipkiss | Centre Support | Feb 24 |
| POLICY REVIEWED | FEBRUARY 2024 | NEXT REVIEW DATE | FEBRUARY 2025 |
| VERSION NUMBER | V10.02.24 | | |
| MODIFICATIONS | <ul style="list-style-type: none"> annual policy review sources checked for currency and updated as required | | |
| POLICY REVIEWED | PREVIOUS MODIFICATIONS | | NEXT REVIEW DATE |
| FEBRUARY 2023 | <ul style="list-style-type: none"> annual policy maintenance no major edits to policy removed procedures from this document (separate procedures available on Desktop) continuous improvement/reflection section added | | FEBRUARY 2024 |

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|---------------|--|---------------|
| | <ul style="list-style-type: none"> link to Western Australian Education and Care Services National Regulations added in 'Sources' Sources checked for currency | |
| FEBRUARY 2022 | <ul style="list-style-type: none"> Minor edits Additional regulations added Sources checked | FEBRUARY 2023 |
| FEBRUARY 2021 | <ul style="list-style-type: none"> policy reviewed minor edits sources checked for currency | FEBRUARY 2022 |
| FEBRUARY 2020 | <ul style="list-style-type: none"> Add section: <i>Heating bottles</i> Added section on record keeping for parents sources checked for currency Added references | FEBRUARY 2021 |
| FEBRUARY 2019 | <ul style="list-style-type: none"> Re-worded opening statement and purpose. Combined with <i>Sterilising bottles and teats policy</i>. Added sections: <i>Storing sterilised bottles and Preparing formula</i>. Changed heading from <i>Storing bottles</i> to <i>Storing breast milk and formula</i>. Changed heading from <i>Cold water sterilising</i> to <i>Chemical sterilising</i>. Additional information added to points Sources checked for currency | FEBRUARY 2020 |
| FEBRUARY 2018 | <ul style="list-style-type: none"> Added the 'related policies' list Included statements regarding handling & storage to further support compliance | FEBRUARY 2019 |
| OCTOBER 2017 | <ul style="list-style-type: none"> Updated the references to comply with the revised National Quality Standard | FEBRUARY 2018 |
| FEBRUARY 2017 | <ul style="list-style-type: none"> Minor terminology changes made. | FEBRUARY 2018 |